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Mann's Garden Guide for 1936

Columbia

The Padre

Everything for
Garden and Farm

P. MANN & CO.

INCORPORATED

316 Ninth St., N.W. ½ Block North Pennsylvania Ave. Washington, D.C.

MANN'S GARDEN GUIDE

Sixty-Seventh Annual Edition
Sent FREE to All Who Desire a Copy

1936 Greetings to Our Host of Friends and Customers

IN making our plans for the 1936 season we recall with a great deal of pride and pleasure the patronage accorded this long established seed house in the past.

We aim to give our customers the best possible service. If we make an error, tell us about it and we will make it right. If there is any information you want in our line of business write or 'phone us and we shall be glad to give it careful attention.

If our 1936 catalogue proves helpful and useful in the preparation and conduct of your garden and farm operations, it will give us much pleasure.

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to any Post Office all vegetable seeds mentioned in this catalogue, if in packets, ounces, quarter or half pounds. Purchasers must pay charges on pounds, pints, quarts, pecks or bushels, and on all agricultural tools and fertilizers.

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THE PLANTER'S TIME TABLE

THERE IS SOMETHING TO PLANT EVERY MONTH IN THE YEAR.

Variety	When to Plant	Quantity For 100 Feet.	Quantity For an Acre.	Distance Between Rows.	Distance Apart in the Row.	Depth to Plant.	Pounds to the Bushel.
IN THE GARDEN							
ASPARAGUS ROOTS	Spring and Fall.	50 to 65 roots.	5,000 to 7,000.	4 to 6 feet.	18 to 24 ins.	4 inches.	....
BEANS, DWARF SNAP	April to Aug. 15.	1½ lbs.	75 lbs.	2 to 3 feet.	3 inches.	2 inches.	60 lbs.
" POLE	May and June.	1 lb.	30 lbs.	4 feet.	3 to 4 feet.	2 inches.	60 lbs.
" DWARF LIMA	May, June, July.	1 to 1½ lbs.	30 to 60 lbs.	3 feet.	15 to 18 ins.	1½ inches.	60 lbs.
BEET, GARDEN	March to August.	2 ozs.	6 to 8 lbs.	15 to 18 ins.	4 inches.	1 inch.	....
" STOCK	April, May, June.	2 ozs.	6 to 8 lbs.	2 to 2½ feet.	8 inches.	1 inch.	....
BRUSSELS SPROUTS	March to July.	1 oz.	¼ lb.	2½ to 3 feet.	18 inches.	½ inch.	....
CABBAGE, EARLY	Jan. to June., Sept., Oct.	1 oz.	6 to 8 ozs.	2½ to 3 feet.	18 inches.	½ inch.	....
" LATE	April to July.	1 oz.	6 to 8 ozs.	3 feet.	2 feet.	½ inch.	....
CARROT	March to August.	1 oz.	3 to 4 lbs.	12 to 24 ins.	3 to 4 ins.	½ inch.	....
CELERY	Feb., Mar. and April.	½ oz.	3 lbs.	2 to 4 feet.	6 to 8 ins.	⅛ inch.	....
COLLARDS	March to August.	1 oz.	½ lb.	2½ to 3 feet.	2 feet.	½ inch.	....
CORN, GARDEN	April to early August.	Lb., 100 hills.	10 to 12 lbs.	3 feet.	12 to 18 ins.	1 to 2 ins.	....
CUCUMBER	April to July.	Oz., 50 hills.	2 lbs.	4 feet.	4 feet.	1 inch.	....
EGG PLANT	Feb., Mar., April.	½ oz.	6 ozs.	3 feet.	3 feet.	¼ inch.	....
ENDIVE	March to Sept.	½ oz.	1 lb.	18 inches.	1 foot.	¼ inch.	....
KALE, SPRING	Feb. to Apr., Aug. to Oct.	2 oz.	8 lbs.	18 to 24 ins.	6 inches.	½ inch.	....
" WINTER	Feb., Mar., Aug. to Oct.	1 to 2 ozs.	4 to 7 lbs.	18 inches.	6 inches.	½ inch.	....
KOHL RABI	March to May, Aug., Sept.	1 oz.	1 lb.	18 inches.	5 to 6 inches.	½ inch.	....
LETTUCE	Feb. to May, July to Oct.	1 oz.	2 lbs.	18 inches.	8 to 12 ins.	¼ inch.	....
LEEK	Feb., March, Sept.	1 oz.	5 to 6 lbs.	18 ins.	4 to 6 ins.	½ inch.	....
MUSTARD	Feb., Mar., Apr., Sept., Oct.	1 oz.	5 to 6 lbs.	12 to 18 ins.	3 to 4 ins.	½ inch.	....
MELON, MUSK or CANTALOUPE	May and June.	Oz., 50 hills.	2 lbs.	4 to 6 feet.	4 to 6 feet.	¾ to 1 inch.	....
MELON, WATER	May and June.	Oz., 30 hills.	3 lbs.	8 to 10 feet.	8 to 10 feet.	1 inch.	....
OKRA	April, May, June.	3 ozs.	8 to 10 lbs.	3 feet.	1 foot.	1 inch.	....
ONION	Feb. to April—Aug., Sept.	1 oz.	5 to 6 lbs.	12 to 18 ins.	3 to 4 ins.	½ inch.	....
PARSLEY	Feb., Mar.—Aug., Sept.	1 oz.	4 to 5 lbs.	12 to 18 ins.	2 to 3 ins.	½ inch.	....
PARSNIP	March to July.	4 ozs.	5 lbs.	18 inches.	4 to 6 ins.	½ inch.	....
PEAS, GARDEN	Feb. to May—Aug.	2 lbs.	90 lbs.	2½ to 3 feet.	3 to 4 ins.	2 to 3 ins.	56 to 60 lbs.
PEPPER	Feb. to July.	Oz., 1200 plts.	½ to ¾ lb.	2 to 3 feet.	18 inches.	¼ inch.	....
POTATOES, EARLY	March, April.	½ peck.	10 to 12 bus.	3 feet.	15 inches.	4 inches.	60 lbs.
" LATE	June, July.	½ peck.	10 to 12 bus.	3 feet.	15 inches.	4 inches.	60 lbs.
PUMPKIN	May and June.	Oz., 20 hills.	3 lbs.	8 to 10 feet.	8 to 10 feet.	1 inch.	....
RADISH	Feb. to May, Aug. and Sept.	2 ozs.	8 to 10 lbs.	18 to 24 ins.	4 to 6 ins.	½ inch.	....
RHUBARB	March and April.	1 oz.	8 to 10 lbs.	Trans. 4 feet.	4 feet.	½ inch.	....
SALSIFY	March to July.	2 ozs.	6 to 8 lbs.	18 inches.	4 to 6 ins.	½ inch.	....
SPINACH	Feb. to Apr., Aug. to Dec.	2 ozs.	12 to 15 lbs.	1½ to 2 feet.	4 to 6 ins.	1 inch.	....
SQUASH	April to July.	2 ozs. (hills).	3 to 4 lbs.	3 to 4 feet.	3 to 4 feet.	1 inch.	....
TOMATO	Jan. to July.	1 oz.,1500 plts.	4 ozs.	4 feet.	3 feet.	¼ inch.	....
TURNIP	Feb., July to Sept. 15.	1 oz.	1½ to 2 lbs.	2 feet.	4 inches.	½ inch.	....
ON THE FARM							
ALFALFA	Mar., April—Aug., Sept.	Broadcast.	20 to 30 lbs.	Broadcast.	Broadcast.	¾ to 1 inch.	60 lbs.
BEANS, NAVY	June and July.	1 lb.	15 lbs.	3 feet.	1 foot.	2 inches.	60 lbs.
" SOY or SOJA	April, May, June.	1 lb.	15 lbs.	2½ to 3 feet.	6 inches.	1 inch.	60 lbs.
" VELVET	May and June.	....	¼ to ½ bu.	5 feet.	2½ to 3 feet.	3 to 4 ins.	60 lbs.
BROOM CORN	May and June.	2 ozs.	6 lbs.	3½ feet.	8 to 10 ins.	1 inch.	48 lbs.
CHUFAS	April to July.	1 lb.	1 to 1½ pks.	2½ to 3 feet	15 to 18 ins.	2 inches.	40 lbs.
CLOVER, BURR	July to November.	Broadcast.	20 to 25 lbs.	Broadcast.	Broadcast.	½ inch.	....
" CRIMSON	July to October.	Broadcast.	15 lbs.	Broadcast.	Broadcast.	½ inch.	60 lbs.
" JAPAN	Feb., Mar. and April.	Broadcast.	20 lbs.	Broadcast.	Broadcast.	¼ inch.	25 lbs.
" SWEET	April, May—Aug. to Nov.	Broadcast.	20 lbs.	Broadcast.	Broadcast.	¼ inch.	....
" OTHER KINDS	Feb., Mar.—Aug. to Nov.	Broadcast.	12 to 15 lbs.	Broadcast	Broadcast.	½ inch.	60 lbs.
CORN, FIELD	April to July.	Lb., 100 hills.	10 to 12 lbs.	3½ to 4 feet.	12 to 18 ins.	2 inches.	56 lbs.
MILLET	May, June, July.	Broadcast.	1 bus.	Broadcast.	Broadcast.	½ inch.	50 lbs.
OATS	Feb. to Apr., Sept., Oct.	Broadcast.	2 to 3 bus.	Broadcast.	Broadcast.	1 to 2 ins.	32 lbs.
PEANUTS	May and June.	1 lb.	35 to 40 lbs.	2½ to 3 feet.	8 to 10 ins.	1 to 2 ins.	22 lbs.
PEAS, COW	May, June, July.	Broadcast.	1 to 1½ bus.	Broadcast.	Broadcast.	2 inches.	60 lbs.
" CANADA FIELD	Jan., Feb., March.	Broadcast.	1½ bus.	Broadcast.	Broadcast.	4 inches.	60 lbs.
RAPE	Feb. to Apr. 15, Aug. to No.	2 ozs.	6 to 8 lbs.	1½ to 2 feet.	4 to 6 ins.	½ inch.	....
SORGHUM	May and June.	4 ozs.	5 to 8 lbs.	3½ to 4 feet.	4 to 6 ins.	½ to 1 inch.	50 lbs.
TEOSINTE	May and June.	1 oz.	2 to 3 lbs.	3½ to 4 feet.	4 to 6 ins.	1 inch.	....
TOBACCO	February.	....	1 to 2 oz.	3½ to 4 feet.	3 feet.	1-16 inch.	....
VETCH	Feb., Mar.—July to Nov.	Broadcast.	25 to 30 lbs.	Broadcast.	Broadcast.	2 inches.	....
WHEAT	October, November.	Broadcast.	5 pks.	Broadcast.	Broadcast.	2 inches.	60 lbs.

MANN'S SUPERIOR FLOWER SEEDS

Sweet Alyssum.

Our constant aim is to supply our customers with the very best domestic and imported strains obtainable. We spare no expense in our efforts to maintain the highest standard of quality. Our list contains those varieties which are most popular because of their beauty, usefulness, and ease of cultivation.

Annuals are those which attain full growth, bloom and die the same year, and are raised from seed exclusively.

Biennials attain full growth, bloom and die the second year from the planting of seed.

Perennials produce plants the first year, which with a few exceptions do not flower until the second year from planting of seed, after which they bloom every year and last several years.

The class to which each variety belongs is indicated as follows:

A. for Annuals, **B.** for Biennials, **P.** for Perennials.

10c PACKET. 12 PACKETS $1.00 POSTPAID, UNLESS OTHERWISE NOTED.

Candytuft.

ASTERS, AMERICAN BRANCHING. A.—Of all garden flowers from seed, there is none that gives more satisfaction than the Aster. In five colors: Crimson, Dark Blue, Lavender, Shell Pink, White. **Pkt. 10c, oz. $1.00.**

Finest Mixed—Pkt. 10c, oz. 90c.

ALYSSUM, SWEET (LITTLE GEM). A.—Of dwarf, compact habit, 4 to 6 inches in height. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn. **Pkt. 10c, oz. 60c.**

AMARANTHUS (JOSEPH'S COAT). A.—Tricolor; a hardy annual with leaves of red and green; well known as "Joseph's Coat," the colors being especially brilliant if grown in rather poor soil. **Pkt. 10c, oz. 60c.**

ACROCLINIUM ROSEUM. A. — A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. Double Mixed. **Pkt. 10c, oz. 50c.**

AGERATUM (FLOSS FLOWER). A.—One of the best bedding plants, being literally a sheet of bloom from early summer till frost. A sowing in September will give plants to bloom all winter. Dwarf Mixed. **Pkt. 10c, oz. 50c.**

BALLOON VINE — Remarkable for its inflated membraneous capsules containing the seed. It is sometimes called "Love-in-a-Puff." A rapid and graceful climber. Flowers white. Tender annual; 6 feet high. **Pkt. 10c, oz. 25c.**

BALSAM (LADY'S SLIPPER, or TOUCH-ME-NOT). A. — Our Camellia-flowered strain produces the finest double blossoms, and is quite a revelation compared with the old varieties. Sow in rich soil for the finest blooms. **Pkt. 10c, oz. 60c.**

BALSAM APPLE (MOMORDICA BALSAMINA). A.—A rapid-growing vine producing apple-shaped fruits. **Pkt. 10c, oz. 50c.**

BRACHYCOME (SWAN RIVER DAISY). A. — Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. **Pkt. 10c, oz. $1.50.**

COREOPSIS GRANDIFLORA. P. — 2 feet. June to October. Bears many large golden daisy-like flowers which last long as cut flowers and are very effective in the garden. **Pkt. 10c, oz. 50c.**

CANDYTUFT. A.—Showy, branching plants, 6 to 18 inches high. If sown in spring will blossom from July to September, or in the fall will blossom from May to July. Hardy annual. Fine Mixed. **Pkt. 10, oz. 40c.**

CARNATION, MARGUERITE. P. — The plants of this wonderfully fine strain may be made to flower in 4 months. The flowers are large, double and very fragrant, and appear in very attractive shades of color. **Pkt. 10c, oz. $1.00.**

Aster.

CALENDULA (POT MARIGOLD). A. —This is the "Marygold" of Shakespeare's time; one of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing to bloom from early summer until killed by frost. **Pkt. 10c, oz. 25c.**

CENTAUREA (BACHELOR BUTTON) —Also known as Blue Bottle, Corn Flower, Ragged Sailor and Ragged Robin. An old favorite, easily grown and blooms profusely from July until frost. Height 2 feet.

Double Blue and Double Ruby Red—Pkt. 10c, oz. 25c.

Double Dwarf Mixed — Many colors **Pkt. 10c, oz. 20c.**

CASTOR BEAN, or RICINUS. A.—Tall, majestic plants for lawns, with leaves of glossy green, brown or bronzed metallic hue and long spikes of scarlet, or of green, prickly fruit. Of very quick growth in rich soil. Tender annual. 6 to 15 feet high. **Pkt. 10c, oz. 15c.**

CAMPANULA (CANTERBURY BELLS).—This old-fashioned flower is a favorite with all. Stately and showy, and of the easiest culture. The seeds should be sown about April, in finely prepared, rich soil. Hardy Biennial. **Pkt. 10c.**

COCKSCOMB DWARF MIXED. A.—Showy dwarf growing plants bearing large velvety combs. If the combs are cut before frost they may be dried and used for winter decoration. **Pkt. 10c, oz. $1.25.**

COSMOS, SINGLE EARLY SUMMER FLOWERING—Coming into flower in July, continuing until frost. Can be grown in the North where the seasons are too short for other strains. Dwarf, compact growth; 4 ft. Profuse bloomer. Flowers beautiful and large; petals broad. Mixed. **Each, pkt. 10c, oz. 50c.**

MORNING GLORIES, IMPERIAL JAPANESE or EMPEROR—The flowers are of gigantic size and their colors range from snow-white to black-purple, with all the possible intermediate shades. **Pkt. 10c, oz. 25c.**

Gaillardia—Double.

CYPRESS VINE. A.—A most beautiful climber with delicate dark green feather foliage and an abundance of bright star-shaped rose, scarlet or white blossoms which contrast most effectively with the graceful foliage. Tender annual; about 15 feet high. Mixed. **Pkt. 10c, oz. 35c.**

CATCHFLY, SILENE. A.—The varieties offered below are very pretty, well adapted for the rockery or the front of the hardy border. Glistening white flowers in July and August. **Pkt. 10c, oz. 75c.**

COLUMBINE, AQUILEGIA. P.—The Aquilegias are fine, free-flowering, hardy border plants. Seed may be planted in the open ground early in the spring, and will, in the case of single varieties, bloom same season. Best results are obtained by planting in August, when they will come up early in the spring, making vigorous plants, blooming during late spring and early summer. **Pkt. 10c, oz. 50c.**

SHASTA DAISIES (CHRYSANTHEMUM LEUCANTHEMUM). P.—A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. **Pkt. 10c, oz. $1.75.**

DIANTHUS, PINKS. B.—Double Japan Mixed (Chinensis Laciniatus). — The flowers are rich in hue; very double, deep-fringed petals. Colors vary from white to rose, lilac, carmine, crimson, scarlet, purple, brown and almost black, spotted and striped. Mixed. **Pkt. 10c, oz. $1.50.**

DIGITALIS (FOXGLOVE). P.—Grows to the height of 3 or 4 feet, affording dense spikes of brilliantly-colored flowers, which are terminal and half as long as the height of plant. Colors white, lavender and rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennials or perennials. **Pkt. 10c, oz. 60c.**

DAISY, ENGLISH (BELLIS). P.—A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. **Pkt. 10c, oz. $1.75.**

EUPHORBIA (SNOW-ON-THE-MOUNTAIN). A.—Strong-growing annuals, suitable for beds of tall-growing plants, or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental. Attractive foliage; veined and margined with white; 2 feet. **Pkt. 10c, oz. 60c.**

FOUR O'CLOCK (MARVEL OF PERU). A.—The plants are large, and each needs 3 or 4 feet of space each way for its best development. The flowers are funnel-shaped, white, red, yellow or striped with these colors and open about 4 o'clock in the afternoon. **Pkt. 10c, oz. 25c.**

FORGET-ME-NOT (MYOSOTIS). P.—A favorite old-fashioned flower, bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial. **Pkt. 10c, oz. $1.00.**

GAILLARDIA (Blanket Flower), Double Mixed. A.—Gorgeously colored annuals, flowering in great profusion throughout summer and fall. **Pkt. 10c, oz. 75c.**

GYPSOPHILA (BABY'S BREATH). A.—Pretty, free-flowering, elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut-flowers. **Pkt. 10c, oz. 25c.**

GOURD (CUCURBITA). A.—A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth, they are fine to cover old fences, trellises, stumps, etc. Tender annual; 10 to 20 feet high. **Pkt. 10c, oz. 25c.**

HELICHRYSUM (STRAW FLOWER) MONSTROSUM. — Everlasting flowers, large and full. Colors, white, yellow and red. Cut before the flowers fully expand. Hardy Annual. Mixed. **Pkt. 10c, oz. 50c.**

KOCHIA (SUMMER CYPRESS, BELVEDERE OR BURNING BUSH).—Forms regular pyramids about 3 feet high, having a cypress-like appearance. The leaves are light green until September, when they change to carmine and blood red. Sow indoors in April and plant out in May, or sow in open ground about May 1st. Hardy Annual. **Pkt. 10c, oz. 25c.**

HELIOTROPE. P.—Highly valued for the fragrance of their flowers and duration of bloom. Half-hardy perennial, blooming the first year from seed. Dark varieties. Mixed. **Pkt. 15c, oz. $2.00.**

HOLLYHOCK. P.—The most majestic of hardy plants of the garden. When planted in rows in the garden or among shrubbery the effect is beautiful. **Pkt. 10c, oz. $1.00.**

HYACINTH BEAN (DOLICHOS). A.—A free-growing climber with heavy foliage and large sprays of white and purple flowers. **Pkt. 10c, oz. 25c.**

LOBELIA. P.—This dwarf and trailing variety is fine for bedding, borders or hanging baskets; blooms profusely from June until November. **Pkt. 10c, oz. $1.50.**

LARKSPUR (DELPHINIUM). A.—An old-fashioned very choice, especially hardy annual, which increases in beauty each year. **Pkt. 10c, oz. $2.50.**

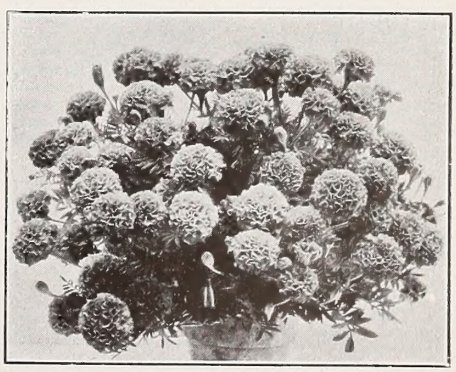
LARKSPUR. A.—This is one of the best known of garden flowers. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July. Hardy Annual. **Pkt. 10c, oz. 75c.**

MARIGOLDS

DOUBLE AFRICAN MARIGOLDS. A.—Splendid for beds or borders; the tall varieties grow about 3 feet high, the dwarf sorts 18 to 24 inches. **Pkt. 10c, oz. 60c.**

MARIGOLD, GUINEA GOLD.—A distinct type of Marigold; of graceful, pyramidal habit, growing 2 to 2½ ft. high; flowers semi-double, 2 to 2½ ins. across. Wavy petals of a brilliant shade of orange and gold. **Pkt. 10c, oz. $1.50.**

DWARF SINGLE FRENCH MARIGOLD. A.—**Legion of Honor (Little Brownie).** A single flowering Marigold, forming compact bushes 9 inches high. Begins flowering early, commencing in June, continuing until frost. **Pkt. 10c, oz. 60c.**



Marigolds.

Nasturtium.

MIGNONETTE. A.—Few ladies would think that a garden was complete without Mignonette. For fragrance and beauty there are few flowers that are as universally admired. **Pkt. 10c, oz. 40c.**

MOONFLOWER, A. WHITE. — So called because it has the characteristic of opening its flowers during the late afternoon and evening. The large pure white flowers contrast beautifully with the heavy dense foliage. **Pkt. 10c, oz. 50c.**

MOONFLOWER, HEAVENLY BLUE. Grows quickly. Blooms early and covers the vine with large clear blue flowers. **Pkt. 10c, oz. $1.75.**

NASTURTIUM, GOLDEN GLEAM—A double sweet-scented Nasturtium. Large, golden yellow flowers, averaging 2½ to 3 inches across. **Pkt. 10c, oz. 25c.**

Scarlet Gleam, Double—It is the most intensely dazzling color, even more showy than the vivid golden yellow of Golden Gleam. **Pkt. 10c, oz. 75c.**

NASTURTIUM, TALL SORTS. A.—Mixed. **Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. $1.00.**

NASTURTIUM, DWARF SORTS. A.—Mixed. **Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. $1.00.**

PHLOX DRUMMONDI. A. — Very hardy annuals, unequaled in the magnificent display of their many and brilliantly colored flowers. **Pkt. 10c, oz. $1.50.**

PHLOX. Mixed. P.—A fine mixture of the perennial varieties. **Pkt. 10c, oz. $2.00.**

PANSIES, GIANT TRIMARDEAU. A. B.—Our selection of this well-known flower is, we believe, the best that is offered anywhere for size, variety and beauty, and have no equal. **Pkt. 10c, oz. $1.50.**

Roggli Giant (Swiss Pansy) (New). Flowers of enormous size and with overlapping petals; many brilliant colors and shades, making a wonderful combination, excellent for greenhouse culture. **Pkt. 25c.**

PORTULACA, SINGLE MIXED. A.—There are few flowers in cultivation that make such a dazzling display of color in the bright sunshine as a bed of portulacas. They are in bloom from about the first of July until killed by frost in autumn. Fine Mixed. **Pkt. 10c, oz. 90c.**

PORTULACA, Double Mixed. Pkt. 10c, oz. 90c.

POPPY (PAPAVER), CARNATION FLOWERED. A.—Well-known hardy annuals and perennials. **Pkt. 10c, oz. 50c.**

POPPY (IMPROVED SHIRLEY). A.—Mixed. **Pkt. 10c, oz. 50c.**

ORIENTAL POPPIES, MIXED. P.—These are always popular in any perennial bed. **Pkt. 10c, oz. $2.00.**

PETUNIAS, BEDDING AND WINDOW BOX VARIETIES. Fine Bedding Petunia.—Very fine. Striped, blotched and all colors mixed. **Pkt. 10c, oz. $1.50.**

Snowball.—Pure white. **Pkt. 10c, oz. $3.**

Rosy Morn.—Pink. **Pkt. 10c, oz. $3.50.**

Heavenly Blue.—Silvery blue. **Pkt. 25c, ⅛ oz. $1.00.**

PYRETHRUM (Painted Daisy). P.—One of our best hardy plants, bearing in great profusion in early summer beautiful large daisy, or cosmos-like flowers. **Pkt. 10c, oz. $2.25.**

SALPIGLOSSIS, LARGE-FLOWERING (PAINTED TONGUE). A.—These are one of the very finest annuals and are of the easiest culture, succeeding in any good ordinary soil. **Pkt. 10c, oz. $1.00.**

SCARLET RUNNER. A.—The well-known rapid-growing annual climber, with bright red flowers from July to September. **Pkg. 10c, ¼ lb. 15c, lb. 50c.**

SCABIOSA (Mourning Bride). A.—Well known garden favorite, flowering freely from midsummer until frost. The handsome double flowers are borne on long stems, thus adding to their value as cut flowers. The colors range from pure white through shades of pink and red to blue and black maroon. **Pkt. 10c, oz. 60c.**

SWEET WILLIAM. P.—A very beautiful class of easily grown and very hardy plants of extreme richness and diversity of colors, deliciously sweet scented. Hardy perennials; about 1 foot.

Newport Pink (Watermelon Pink)—Single. **Pkt. 10c, oz. 90c.**

White—Single. **Pkt. 10c, oz. 50c.**

Scarlet Beauty—Single. **Pkt. 10c, oz. 90c.**

Double Mixed—**Pkt. 10c, oz. 60c.**

SNAPDRAGON, ANTIRRHINUM. P.—This is a well-known and valuable plant, bearing long spikes of many colored flowers throughout the season. Fine for cutting as well as garden display. **Pkt. 10c, oz. $1.00.**

STOCKS, CUT-AND-COME-AGAIN. A.—Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October. **Pkt. 10c, oz. $1.00.**

SWEET PEAS, SPENCER'S CHOICE COLORS MIXED—**Pkt. 10c, oz. 25c, lb. $1.50.**

SALVIA (Scarlet Sage). A.—**Bonfire.** A fine variety, 2 feet high; forms a dense compact bush; is a heavy bloomer, having brilliant scarlet flowers. **Pkt. 10c, oz. $2.50.**

SALVIA SPLENDENS (SCARLET SAGE). A.—Large, brilliant scarlet flowers are in these plants afford a rich dark green background of dense foliage. This variety is most generally used in parks and on extensive lawns. **Pkt. 10c, oz. $2.00.**

VERBENA. A.—Plant produces a mass of flowers from spring to late fall. Our strain is as fine as the world produces. Large flowers and free blooming. **Pkt. 10c, oz. $1.25.**

VINCA (PERIWINKLE). A.—These are very bright annuals with dark glossy green leaves and large showy flowers, and should be included in every garden. The compact plants grow 15 inches tall. They are excellent for beds, borders and window boxes. **Pkt. 10c, oz. $1.50.**

WALLFLOWER. Single Mixed. P.—Well, known, very fragrant garden plant, blooming early in the spring, with large, conspicuous spikes of beautiful flowers; prized for bouquets. **Pkt. 10c, oz. 90c.**

ZINNIAS, GIANT. A.—One of the most brilliant annuals; a general favorite, its splendid double flowers rivaling in beauty and size and form moderate-sized dahlias. Choice Mixed. **Pkt. 10c, oz. $1.00.**

DOUBLE DAHLIA-FLOWERED ZINNIAS (Gold Medal). A.—This type, the latest development in Zinnias, bears flowers of mammoth size and in form like a perfect decorative Dahlia. As the result of painstaking care and selection the size, form and coloring has been much improved and we now offer Finest Mixed. **Pkt. 10c, oz. $1.50.**

LILLIPUT or Pompom Zinnias. A.—Mixed. The best zinnia for bedding. About 12 inches high, bearing small double flowers of distinct colors. **Pkt. 10c, oz. $1.00.**

CHINESE WOOLFLOWER—This is a unique form of the Feathered Cockscomb, growing 2 to 3 ft. high, each branch terminated with a large head of flowers that look as if made out of some silky wool material. Not only effective in beds or borders, but highly interesting and valuable for cutting, as they can be dried and retain their bright color for weeks. Mixed or Scarlet. **Each, pkt. 10c.**

BULBS FOR SPRING PLANTING

Decorative Dahlia.

CHOICE SELECTED DAHLIAS

JERSEY BEAUTY—Blooms high above the foliage on strong stems; flowers are immense, glowing pink. **Each 25c, doz. $2.50.**

PRIDE OF CALIFORNIA—A brilliant, glowing cardinal red; flowers large, a good cut flower. **Each 25c, doz. $2.50.**

DELICE—Large flower with long stems, very fine for cutting, color clear bright rose-pink. **Each 25c, doz. $2.50.**

SYLVIA—Deep pink with white center. A showy variety. Fine for cutting. **Each 25c, doz. $2.50.**

SNOWDRIFT—Snow white. **Each 25c, doz. $2.50.**

MRS. I. DE. VER WARNER—Immense flowers on long stems, are of perfect form and of a lovely mauve pink color; early and free bloomer. **Each 25c, doz. $2.50.**

MIXED DAHLIAS—A splendid mixture of many fine varieties. **Each 10c, doz. $1.00.**

CHOICE CANNAS

THE PRESIDENT—This is described best when said to combine all the good qualities of Fire Bird with none of its faults. Blooms are pure crimson and foliage deep green. Height 4 to 5 feet. **Each 10c, doz. 75c.**

KING HUMBERT—The most popular of cannas. Gigantic orange scarlet trusses with red markings. Foliage deep coppery bronze; 5 feet tall. **Each 10c, doz. 75c.**

CITY OF PORTLAND — Flowers of large size on heavy trusses; color, glowing pink; profuse bloomer; green foliage. 3½ ft. **Each 10c, doz. 75c.**

CALADIUM or ELEPHANT'S EARS

MAMMOTH BULBS—Each 25c.
LARGE BULBS—Each 15c.

TUBEROSES

REGULAR GRADE—Doz. 35c.

GLADIOLI

NEW AND CHOICE NAMED VARIETIES—The Gladiolus is one of the most decorative plants in the garden and as a cut flower lends itself readily to any arrangement. If the spikes are cut when the lowest flower is in bloom, the others will open in succession and remain fresh a week or ten days.

GOLDEN MEASURE—Pure golden yellow; very large flowers of good substance; robust grower and considered the best yellow on the market; a super-glad. **Doz. 60c.**

CRIMSON GLOW — Glowing velvety crimson, shaded deeper in the center; tall strong grower, flowers well placed; considered the best in its color. **Doz. 50c.**

MRS. DR. NORTON — Silvery white base tinged with pink deepening towards the edges of the petals, creamy blotches in throat on lower petals; tall, vigorous grower, splendid cut flower. **Doz. 50c.**

EVELYN KIRTLAND — Very warm rose pink, deeper at the edges of the petals shading towards shell pink in the center, brilliant scarlet blotches on the lower petals; strong stem, making it one of the most desirable varieties for cutting. **Doz. 50c.**

MRS. FRANK PENDLETON — Deep rose pink shading to pale pink in throat, large bright crimson blotches on lower petals, giving it a striking appearance; tall vigorous grower, extra cut flower. **Doz. 50c.**

PURPLE GLORY, RUFFLED—Deepest velvety maroon with almost black blotches; very large tall plant; a real giant in all respects. **Doz. 60c.**

MR. W. H. PHIPPS—La France pink, overlaid light rose salmon; one of the finest exhibition varieties. **Doz. 60c.**

DR. F. E. BENNETT—This is one of the finest red Gladiolus in existence, forming heavy, tall spikes with many blooms open at one time. The color is a brilliant scarlet-red of remarkable purity. **Doz. 60c.**

CARMEN SYLVA — Snow-white with lilac throat. **Doz. 50c.**

GLORIANA—Large, golden salmon blooms with yellow throats. **Doz. 50c.**

MINUET—Clear light pinkish lavender. **Doz. 75c.**

YELLOW WONDER—Pure yellow. **Doz. 50c.**

MRS. FRANCIS KING—Scarlet. **Doz. 50c.**

BARON JOS. HULOT—Indigo Blue. **Doz. 60c.**

PICARDY—Salmon Pink. **Doz. 75c.**

MANN'S RAINBOW MIXTURE—Contains only finest named sorts of our list. This gives a wide range of color and markings. We mix them ourselves and feel convinced they will please the most critical. **Doz. 40c, $2.50 per 100.**

TIGRINUM FLORE PLENO (Double Tiger Lily)—An excellent double Lily with bright salmon-red blooms spotted purplish black. Grows 3 to 4 feet tall and flowers during August and September. Cover the large bulbs 8 ins. deep. Very hardy and permanent. **Each 25c.**

HENRY II (Yellow Show Lily)—Brilliant salmon-orange flowers attractively spotted with reddish brown. 5 to 6 ft. tall, blooming during July and August. Cover the bulbs 10 ins. deep. The long, arching stems should be supported with thin stakes. **Each 25c.**

REGALE (Regal Lily)—Mammoth, wide open, bell-shaped, white blooms showing a touch of canary-yellow in the throat and a shading of lilac-pink on the outside of the petals. Grows 3 to 6 ft., and blooms during July. Sweet scented. Cover with 9 ins. of soil. **Each 50c.**

SPECIOSUM RUBRUM (Show Lily)—Large white flowers suffused rose-pink, spotted crimson. Reflexed petals. Blooms August and September, with many flowers on each stem. 3 to 4 ft. tall. Cover 10 ins. deep. **Each 25c.**

AURATUM PLATYPHYLLUM (Golden Banded Lily of Japan) — Gorgeous large white blooms spotted bright carmine and showing a yellow mid-rib running through the center of each petal. The plants grow 4 to 5 feet tall and bloom profusely during late July and August. Cover the bulbs 6 to 7 ins. deep. **Each 25c.**

Regale Lily.

ROSES FOR YOUR GARDEN

HARDY ROSES

Strong 2-year-old field grown.

Monthly or Tea Roses

Prices unless otherwise noted—
49c each. If by mail, 60c each.

COLUMBIA—One of the most popular roses, being a vigorous grower and very free flowering. The flowers are of a pleasing shade of rose pink, large, fragrant and perfect in form.

ETOILE DE FRANCE—Crimson with darker shading.

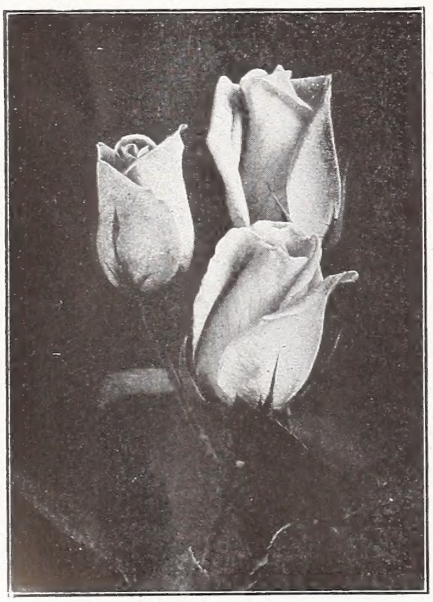
FRANCIS SCOTT KEY—Large double flowers of rich crimson-red.

JONKHEER J. L. MOCK—A favorite with hundreds of Rose lovers. The flowers are large and of more than ordinary beauty. The deep imperial pink on the outside of the petals and the shining silvery pink on the inside make a double colored bloom.

KAISERIN AUGUSTA VICTORIA—The blooms are large and full; color soft creamy white tinted with lemon.

LOS ANGELES—One of the finest Roses ever introduced. In color a luminous flame pink toned with coral and shaded with translucent gold at the base of the petals. The buds are long, pointed and extend into a flower of mammoth proportions.

ETOILE DE HOLLANDE—The world's leading red rose, with brilliant blooms of magnificent size. Popular in all climates and successful in any location.



Etoile de Hollande.

MME. BUTTERFLY—While this is a sport of Ophelia, it shows an even better growth, with more and larger flowers, in a brilliant pink, suffused apricot and gold.

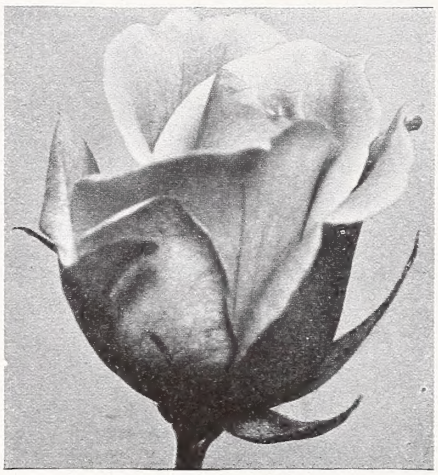
DOUBLE WHITE KILLARNEY—A snowy white form of Killarney, popular, shapely, and very double.

PADRE—Very effective for bedding, being best when massed in quantity. Copper-scarlet, with bases of bright yellow.

SOUV. DE GEO. PERNET—Unusually beautiful rose, with brick red buds opening to huge flowers of a pleasing orange-pink.

PINK RADIANCE—A profuse bearer of large, globular, attractive pink flowers.

PRESIDENT HOOVER—A wonderful new rose with a splendid color combination, cerise-pink, flame, scarlet and yellow. Long pointed buds, moderately fragrant, free flowering and a good grower.



Red Radiance.

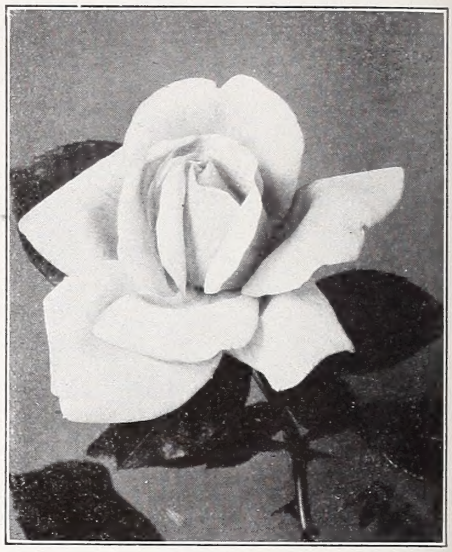
RED RADIANCE—Exactly like Pink Radiance except the color is clear cerise red.

REV. F. PAGE ROBERTS—Long-pointed, coppery-red buds opening into golden-yellow flowers, stained with red on the outside; fully double, very large and fragrant.

VILLE DE PARIS—Large globular flowers emerging out of fine, well-rounded buds. The color is a very striking clear yellow.

MISS ROWENA THOM—Huge buds of a flaming rose-mauve, centered with old gold, produced continuously on long, strong stems.

FRAU KARL DRUSCHKI—A white Rose of exquisite beauty. Bud very large, long-pointed, tinted carmine-pink; flower very large, double, open, unusually lasting, snow-white, sometimes light pink blush at center.



Mrs. E. P. Thom.

SOUVENIR DE CLAUDIUS PERNET—Very large full flowers with elongated deep petals, a beautifully formed bloom. Color, a most striking sunflower-yellow.

SUNBURST—A vigorous grower with erect or slightly spreading habit and dark bronzy foliage. The flowers are of medium size, full and of fine elongated cup form; color a superb cadmium-yellow passing to yellow-orange in the center.

TALISMAN—A new American rose of exceptional coloring; the outside of the petals is bright yellow, gold and pink; as the flower opens it becomes bright apricot, gold and rose-pink.

MRS. E. P. THOM—Bud large, long-pointed; flower large, perfectly shaped, very lasting, moderately fragrant, high-centered, fully double, clear deep canary-yellow without a trace of shading, borne singly on long stem.

Climbing Roses

49c each. If by mail, 60c each.

DR. VAN FLEET—Long, pointed, deep pink buds, bright pink when open with shell pink center; a large flower on long stem.

PAUL'S SCARLET CLIMBER—No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall.

SILVER MOON—An indispensable hardy climber, having long well shaped buds, creamy yellow on first appearance, opening into immense Clematis-like flowers of a waxy whiteness. The center is a mass of bright yellow stamens, making a wonderful contrast.

Asparagus

Asparagus.

WASHINGTON—This asparagus, which has been selected by the United States Department of Agriculture, Washington, D. C., has proven to be nearly rust-free. The shoots are thick and heavy. They are long and straight, with closely folded tips. The color is rich dark green, tinted darker at the tips. It is a heavy yielder of exceptionally fine flavor. **Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.25.** ROOTS—**$1.50 per 100, $10.00 per 1,000.**

ASPARAGUS KNIVES—50c and 60 each. By mail, add 7c postage.

Beans

Dwarf or Bush, Green Pod

Prices subject to change without notice. One quart will plant 100 feet of drill.

INOCULATE THIS SEED WITH STIMUGERM

CULTURE.—Dwarf Beans may not be safely planted until the middle of April, owing to the late frost, but may be planted thereafter as desired, until the middle of August.

Select high, rich soil, make drills two feet apart, drop beans along the rows and cover with earth. Hoe often to keep earth to the stems.

IMPROVED STRINGLESS RED VALENTINE—Is the favorite sort for growers who supply the early markets. It is a heavy cropper, and ready to pick in about forty days. **Pt. 25c, qt. 50c, pk. $2.25, bu. $7.50.**

TENDERGREEN—The plants are strong and vigorous, and bear attractive light green pods 7 inches long. They are round, meaty, and tender. Absolutely stringless. **Pt. 25c, qt. 50c, pk. $2.25, bu. $7.50.**

EXTRA EARLY REFUGEE—The pods are fleshy and of fine quality; very hardy. **Pt. 25c, qt. 50c, pk. $2.25, bu. $7.50.**

NEW BOUNTIFUL—Absolutely stringless; good shell bean for winter use. **Pt. 25c, qt. 50c, pk. $2.25, bu. $7.50.**

BURPEE'S STRINGLESS GREEN POD—This new bean produces a vine similar to Red Valentine, but develops pods to edible condition two or three days earlier than the Valentine; that is to say, in thirty to thirty-one days from germination, which extra-ordinary maturity for table at once advances the Stringless Green Pod to the first rank among table beans. **Pt. 25c, qt. 50c, pk. $2.25, bu. $7.50.**

GIANT STRINGLESS GREEN POD—Absolutely stringless, very crisp, round, full and fleshy. **Pt. 25c, qt. 50c, pk. $2.25, bu. $7.50.**

Mann's Stringless Green Pod Beans

A new second early variety. The plant is of true bush habit and bears an enormous quantity of handsome pods of light green color. **Pt. 30c; qt. 55c, pk. $2.50, bu. $8.00.**

FULL MEASURE (New)—Large cropper; Stringless, Green-podded, round Bean, not as early as Burpee's Stringless, but a heavy yielder. Best of quality. **Pt. 25c, qt. 50c, pk. $2.25, bu. $7.50.**

DWARF HORTICULTURAL—Large green pods, splashed with carmine. Excellent either as snaps in the green state, or shelled green or dry. **Pt. 25c, qt. 50c, pk. $2.25, bu. $7.50.**

Pole Beans

Use one quart of seed for 100 hills.

KENTUCKY WONDER—We believe this variety is the most practically useful of the green-podded pole Beans suitable for use as snaps. The vines are vigorous, climbing well, and very productive, bearing pods in large clusters. **Pt. 25c, qt. 50c, pk. $2.25, bu. $7.50.**

HORTICULTURAL CRANBERRY (Cut Short)—One of the best for family use. The pods are tender, and of fine quality. **Pt. 25c, qt. 50c, pk. $2.50, bu. $8.00.**

LAZY WIFE—A white-seeded variety, with long, green pods. **Pt. 25c, qt. 50c, pk. $2.50, bu. $8.00.**

Dwarf Wax Beans

WARDWELL'S KIDNEY WAX—Long pods and very prolific. Handsome in appearance, entirely stringless. **Pt. 25c, qt. 50c, pk. $2.50, bu. $8.00.**

BLACK WAX, IMPROVED PROLIFIC—One of the best for a home garden, perfectly stringless and of excellent flavor. **Pt. 25c, qt. 50c, pk. $2.50, bu. $8.00.**

REFUGEE WAX, KEENEY'S STRINGLESS—The pods are round, pencil-like. The color is a rich golden yellow and the quality is excellent. **Pt. 25c, qt. 50c, pk. $2.50, bu. $8.00.**

GOLDEN WAX, IMPROVED STRINGLESS—A vigorous and wonderfully productive Bean of excellent quality. The pods are thick, meaty, entirely stringless and tender. **Pt. 25c, qt. 50c pk. $2.50, bu. $8.00.**

CURRIE'S RUSTPROOF WAX—It is hardy and practically rustproof. Pods grow long, flat, and are tender and of fine quality. **Pt. 25c, qt. 50c, pk. $2.50, bu. $8.00.**

Improved Golden Wax.

Early Leviathan Lima Beans.

Pole Lima Beans

EARLY LEVIATHAN LIMA—This is the earliest large-podded pole Lima we know of. The pods are large and often contain five beans which are of good size and of the finest quality. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.50.**

CARPINTERIA POLE LIMA—The beans are of the very finest quality, thin skin, extra tender, and of the finest flavor. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.50.**

KING OF THE GARDEN—Large bean and pod; very heavy cropper. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.50.**

CAROLINA or SIEVA—In the south this is familiarly known as the "butter bean." It is very early, vigorous and productive. The seeds are small and white but of good flavor. **Pt. 30c, qt. 60c, pk. $2.00, bu. $7.50.**

Bush Lima Beans

One quart plants about 150 hills, or 100 feet of drill.

Plant in light, rich soil in drills 2 feet apart, dropping the seeds about 1 foot apart in the row, and cover 2 inches.

FORDHOOK—This is altogether unique. Nothing like it has ever been seen before. It is the first and only stiffly erect bush form of the popular Potato Lima. **Pt. 25c, qt. 50c, pk. $2.50, bu. $8.50.**

BURPEE'S IMPROVED—It is fully 8 to 10 days earlier than any other large Limas, will outyield Burpee's Bush Lima by fully one-third, as the pods are very much larger, while the beans, either green or dry, are nearly twice as thick. **Pt. 25c, qt. 50c, pk. $2.25, bu. $8.25.**

WOOD'S IMPROVED BUSH—A selected strain of Bush Lima. **Pt. 25c, qt. 50c, pk. $2.25, bu. $8.25.**

Mann's Improved Wonder Bush Lima

This is one of the earliest of the large seeded Limas. **Pt. 30c, qt. 60c, pk. $3.00.**

Spray your String and Lima Beans with RED ARROW to kill Mexican Bean Beetle—non-poisonous spray. Oz. 35c, 4 ozs. $1.00, pt. $2.50, qt. $4.00, 1 gal. $12.00.

Garden Beets

CULTURE.—If wanted very early, sow in hotbeds and transplant. For general use, plant seed as early as ground can be nicely worked, usually about first of April. Sow in drills 1 foot apart, about 1 inch deep, and thin out to 2 inches apart in rows. One ounce of seed to 50 feet of drill, 6 to 8 pounds per acre.

CRIMSON GLOBE—A second early variety, somewhat oblong in shape, with smooth skin and very dark flesh. Good quality. **Pkt. 5c, ounce 15c, ¼ lb. 35c, lb. $1.00.**

EARLY ECLIPSE—Very early, dark red color, small top and free from fibrous roots; will grow without thinning the plants. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

DETROIT DARK RED—Very early and an excellent keeper. Tops small. Roots dark red and globular in shape. Tender and sweet. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

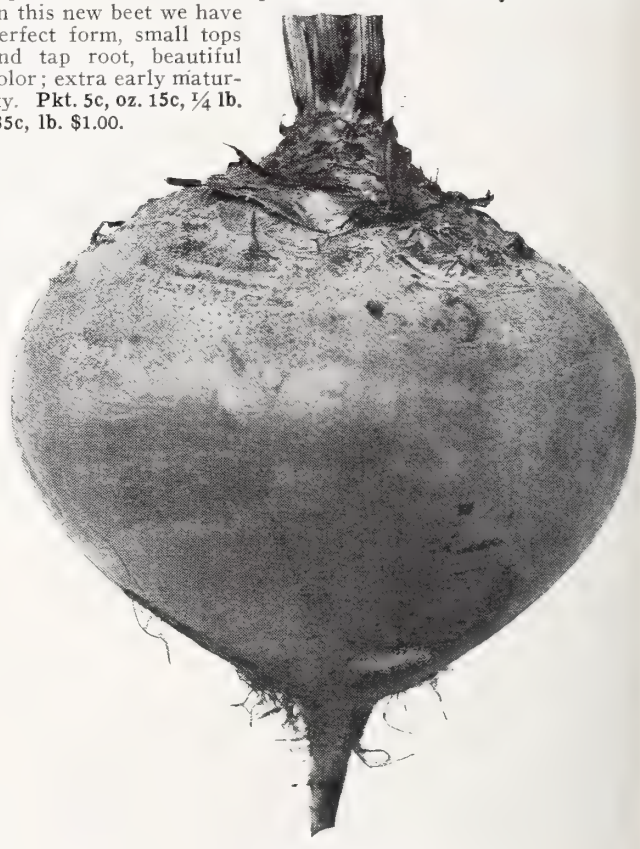
IMPROVED EARLY BLOOD TURNIP—An improved variety of the Early Blood Turnip; of deep blood-red color, fine form and flavor. An excellent market sort. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

EDMAND'S EARLY BLOOD TURNIP—Of beautiful, round form and good size. Flesh dark red and of finest quality. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

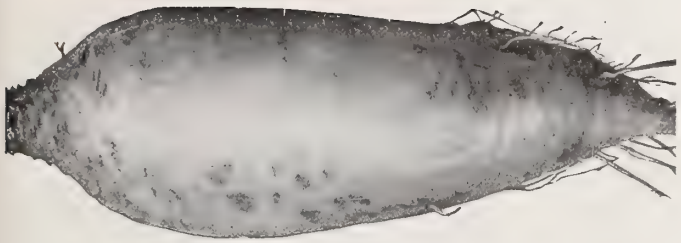
BASSANO—Top large, leaf stems light red, leaf light green, root large, round, Turnip-shaped, flesh pink zoned with white, very sweet and tender when young. An excellent sort to plant for use as greens. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

CROSBY'S IMPROVED EGYPTIAN—Very early; smooth, globe-shaped. Dark blood red. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

EARLY WONDER—This beet is the result of many years of expert selection with a special strain of Crosby's as a basis. In this new beet we have perfect form, small tops and tap root, beautiful color; extra early maturity. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. $1.00.**



Crosby's Improved Egyptian.



Long Red Mangel.

Selected Mangel Wurzels

Six pounds of seed will sow an acre.

An invaluable crop for stock feeding. Sow from April to June on well-cultivated, deep, rich soil, in drills 24 to 30 inches apart.

MAMMOTH LONG RED—The largest and heaviest cropper of all the long red sorts. A most valuable and distinct variety and very popular on account of its nutritious and milk-producing qualities. **¼ lb. 20c, lb. 50c.**

GIANT GOLDEN TANKARD—Flesh bright golden, yellow, differing in this respect from all other varieties which cut white. **¼ lb. 20c, lb. 50c.**

Swiss Chard or Spinach Beet

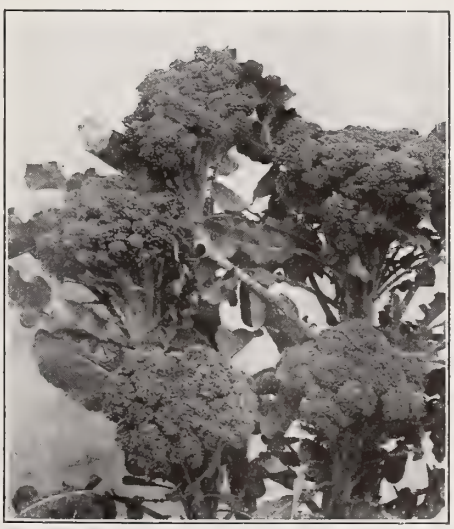
CULTURE.—Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring, the leaves are soon ready to eat, and will continue to grow all through the summer and fall. **One ounce will sow 60 ft. of drill.**

LUCULLUS—A new variety with curled leaves like a Savoy cabbage. The plant grows nearly two feet high and the stem and leaves are very large and of fine quality. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

Italian Broccoli Calabrese

This variety is the broccoli which is served in the first class hotels of Metropolitan cities. It is cooked and served like cauliflower; it has a delicious flavor and is highly praised by epicures.

CULTURE.—Sow seed in open ground 1st of April. Set plants out May 15th to June like late cabbage. **Pkt. 10c, 1 oz. 25c, ¼ lb. 85c, 1 lb. $3.00.**



Broccoli.

Brussels Sprouts

(Paris Market)

Belongs to the cabbage family, making clusters of miniature cabbage heads around the main stalk; these heads are very delicious, with a flavor something like cauliflower; tops grow open like collard heads. **Pkt. 10c, oz. 25c, ¼ lb. 75c.**

Cabbage

Choux Pommes, French
Kopf Kohl, German

American-Grown Selected

One ounce will produce about 2,000 plants. Quarter pound of seed in beds will produce plants for one acre.

Early Varieties, Pointed Heads

EARLY JERSEY WAKEFIELD—A gem of a little cabbage and great favorite with home gardeners on account of its size. **Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.**

CHARLESTON WAKEFIELD—Just a little later and larger than the Early Jersey, and is fine for following this crop. **Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.**

GOLDEN ACRE—This is a new, early, round-headed cabbage which closely resembles Copenhagen Market in type. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. **Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. $2.00.**

ALL-HEAD EARLY—A thoroughbred sort, especially recommended on account of its uniform size and shape and reliability for heading. Makes a deep flat head, solid and uniform in color, shape and size. **Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.**

Jersey Wakefield

COPENHAGEN MARKET—The earliest large, round-headed cabbage yet introduced. The heads are of exceptionally large size for so early a variety. **Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. $2.00.**

EARLY FLAT DUTCH—Most popular cabbage in South Texas and Gulf Coast sections for a market and shipping variety. **Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.**

ALL SEASONS—A fine early flat-head cabbage, adapted to culture in all seasons of the year; a good header and keeper, making medium-sized heads; a good all-round cabbage for any purpose. **Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.**

Late or Autumn and Winter

PERFECTION DRUMHEAD SAVOY—The Savoy Cabbages are very tender and of fine flavor, very much superior in this respect to the ordinary late Fall and Winter Cabbage. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.

LARGE LATE AMERICAN DRUMHEAD (American Grown)—One of the largest, most solid and best keeping late varieties. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.

WORLD-BEATER OR AUTUMN KING—This is a very superior late cabbage. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.

PREMIUM LATE FLAT DUTCH—The heads are large and solid; round in shape. Excellent keepers. Pkt, 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.

MAMMOTH RED ROCK—The head is round, large, solid and a deep red color, the best of the red cabbages. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. $2.00.

Chinese or Celery Cabbage

Also called Pe-Tsai, and Cut Cabbage, by Chinese gardeners, and is beginning to attract attention in America. It does not form a Cabbage head, but when grown to its full size resembles the Cos Lettuce and the outer leaves may be used during its growth. Sow seed after July 1st and give plenty of room to the plants, setting in rows 3 feet apart and 2 feet apart in the row. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.

Carrots

One ounce to 150 feet drill. Two and one-half pounds to acre.

DANVERS HALF-LONG STUMP-ROOTED—A new variety, of decided merit; rich in color and of handsome shape. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.

IMPROVED LONG ORANGE—Deep orange color; long, smooth; popular for general crop. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.

CHANTENAY, HALF-LONG—Medium early and heavy cropper; one of the best for market. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.

EARLY SCARLET HORN—Small, but early. Best for forcing. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.

ST. VALLERY, OR NEW INTERMEDIATE CARROT—One of the best main-crop carrots. It is noted for its smoothness of shape, its tenderness of flesh and beauty of color. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.

EARLY RUBICON CARROT—A half long Orange, stump-rooted Carrot, of a beautiful deep-red orange color. It is earlier than Danver's, about the same length, but heavier and thicker at the shoulder, making it more productive. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.

Long Orange Carrot.

Golden Self Blanching.

Cauliflower

One ounce produces about 3,500 plants.

EARLY SNOWBALL—Our strain of this popular variety is unequaled. It is one of the best for forcing under glass or for the open ground. A sure header. Pkt. 20c, oz. $1.25, ¼ lb. $4.00.

Celery—Sellerie

One ounce to 3,000 plants. Ten to fifteen ounces to the acre.

Golden Self-Blanching

(French-Grown, Superior Stock, Unsurpassed)

The color is a rich golden yellow, very solid and tender; flavor is delicious; has large heart. Pkt. 10c, oz. 45c, ¼ lb. $1.50, lb. $5.00.

WINTER QUEEN—Grows very thick, solid and heavy stalk, and has a large heart. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. $2.00.

IMPROVED WHITE PLUME—An early self-blanching variety, very popular for fall and early winter use. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. $2.00.

DWARF GOLDEN HEART—Very solid and excellent keeper, and of fine, nutty flavor. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. $2.25.

GIANT PASCAL—A green-leaved variety which was developed from the Golden Self-Blanching. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. $2.25.

Celery Seed for Seasoning—Oz. 10c, ¼ lb. 20c, lb. 50c.

Celeriac or Turnip-Rooted Celery

Grown exclusively for its roots, which, when cooked, sliced and used with vinegar, makes a fine salad.

GIANT SMOOTH PRAGUE—The best variety; large and smooth roots; excellent keeper. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. $2.00.

Chicory

Sow early in spring, in good mellow soils, in drills half an inch deep, and 12 inches apart.

LARGE-ROOTED BAGDEBURG—The leaves when blanched make an excellent salad. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.

WITLOOF—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.

We can supply all kinds of Vegetable Plants in season, such as Tomato, Cabbage, Celery, Sweet Potato, Egg-plants, Peppers, Lettuce, etc., by the dozen or hundred.

Stowell's Evergreen.

Sweet or Sugar Corn

One quart will plant 200 hills. Eight quarts for an acre.

If Corn is wanted by mail or express prepaid, add 5 cents per pint, 10 cents per quart for charges.

EARLY EVERGREEN—The ears of this new corn grow 8 inches long; are mostly 14 to 16 rows. It ripens 10 to 12 days in advance of Stowell's Evergreen, and is equally as good for all purposes. Pt. 20c, qt. 35c, pk. $1.50, bu. $5.50.

WHITE EVERGREEN—A pure white strain of the popular Stowell's Evergreen. The ears are very large and well filled from butt to tip with long, slender, pure white grains of the most delicious sweetness. Pt. 20c, qt. 35c, pk. $1.50, bu. $5.50.

Mann's Early Sugar Corn

A big-eared medium early corn with the sweet flavor of the late varieties. Pt. 25c, qt. 45c, pk. $1.75, bu. $6.00.

IDEAL EARLY ADAMS—A selection and improvement over the old Early Adams. Makes larger and handsomer ears and deeper grains. Pt. 20c, qt. 35c, pk. $1.50, bu. $5.50.

GOLDEN BANTAM—Probably the very earliest variety grown. Very sweet; none better for the home garden for first early. Pt. 20c, qt. 35c, pk. $1.50, bu. $5.50.

GOLDEN EVERGREEN—This is a cross between Golden Bantam and Stowell's Evergreen and resembles both of these varieties in many ways. The ears measure 8 inches long and are set with 12 or 14 rows of kernels. Has delicious golden yellow kernels. Pt. 20c, qt. 35c, pk. $1.50, bu. $5.50.

HOWLING MOB—One of the very best early varieties. Pt. 20c, qt. 35c, pk. $1.50, bu. $5.50.

BLACK MEXICAN—Surpassed by none in quality and tenderness. When cooked is almost white. The ripe ear is black or blue-black. Pt. 20c, qt. 35c, pk. $1.75, bu. $6.00.

COUNTRY GENTLEMAN—A new corn of merit and desirable for family use. The grains are irregular, compact and sweet. Pt. 20c, qt. 35c, pk. $1.75, bu. $6.00.

STOWELL'S EVERGREEN—So well known that it scarcely needs description. Excellent; keeps green till cold weather; ears large; one of the best. Pt. 20c, qt. 35c, pk. $1.50, bu. $5.50.

Corn Salad—Ackersalat

One ounce will sow about eighteen square feet and six pounds will sow an acre.

BROAD-LEAVED (Large-Seeded)—A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

Collards

GEORGIA, SOUTHERN, OR CREOLE—This is the white or green-stemmed variety, growing 2 to 3 feet high and forming a large, loose, open head, or cluster of leaves, with a rather long stem. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Cress

UPLAND—The most popular variety for market; excellent flavor. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. $1.25.

WATERCRESS—Cultivated by sowing the seed by running water or near a spring which is not severely frozen through the winter. Pkt. 10c, oz. 30c, ¼ lb. $1.00.

Cucumber—Gurke

One ounce to fifty hills. One to two pounds to an acre.

IMPROVED EARLY WHITE SPINE, OR ARLINGTON—A selection from the White Spine, being more pointed at each end. Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. $1.25.

LONDON LONG GREEN—The standard late sort, quite crisp and of good size. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.50.

PERFECTED JERSEY PICKLE—New and fine. The best pickle. Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. $1.25.

EARLY FORTUNE—Is of recent introduction and is considered the finest market cucumber of the White Spine type. Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. $1.25.

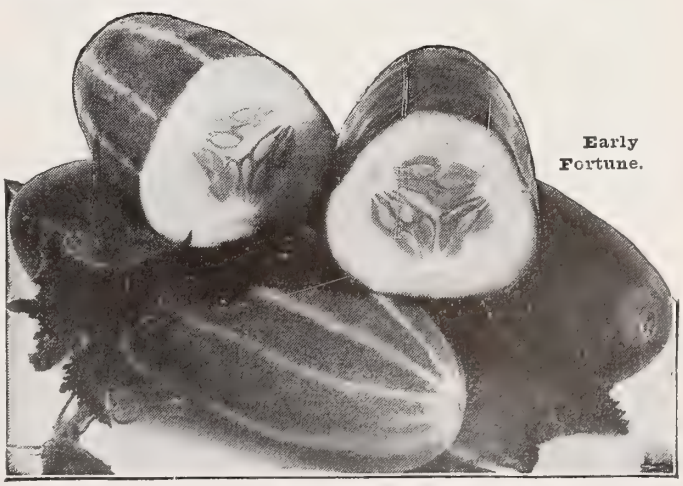
Mann's Favorite Cucumber

A selection of a medium early White Spine. In color it is a very deep green which holds for a long time. Pkt. 15c, oz. 20c, ¼ lb. 60c, lb. $1.75.

Dandelion

An early spring salad. Sow early in spring in drills 12 inches apart, and thin out 6 inches in the rows.

IMPROVED FRENCH—Pkt. 10c, oz. 35c, ¼ lb. $1.25.



Early Fortune.

Black Beauty.

Egg Plant

One ounce will produce 1,000 plants.

BLACK BEAUTY EGG PLANT—It is very early; in fact, the earliest good market variety. Pkt. 10c, oz. 40c, ¼ lb. $1.25, lb. $4.50.

NEW YORK IMPROVED SPINELESS—Best New Jersey gardener's selection. Oval shape, thornless, dark purple color and rich flavor. Pkt. 10c, oz. 40c, ¼ lb. $1.25, lb. $4.50.

FLORIDA HIGH BUSH—Very vigorous and productive, bearing profusely its large purple fruits of fine shape and quality. Pkt. 10c, oz. 40c, ¼ lb. $1.25, lb. $4.50.

Endive—Endiven

EXTRA GREEN CURLED—It is the best. Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. $1.00.

BROAD-LEAVED BATAVIAN (Escarolle)—Used in soups and stews. Requires to be tied up for blanching. Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. $1.00.

Kale or Borecole

An ounce of seed will sow about 200 feet of drill. Three pounds to an acre.

DWARF GERMAN GREENS (Siberian Kale)—Generally sown broadcast, but can be sown in drills a foot apart in August. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 90c.

BLUE CURLED SCOTCH—A distinctly blue close-curled Scotch strain in large demand in the Norfolk (Va.) section on account of its deep color and excellent shipping qualities. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. $1.00.

NEW IMPERIAL, OR LONG STANDING—Slow seeder; hardiest for gardeners, superior to all other sorts in vigorous habits; bright green color. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. $1.00.

PLAIN, or SMOOTH—Fine for salads. Oz. 10c, ¼ lb. 15c, lb. 35c.

Kohl-Rabi

(Turnip-Rooted Cabbage)

One ounce to 200 feet of drill. One and a half pounds to an acre.

EARLY WHITE VIENNA—This forms a bulb above ground and its flavor mingles the peculiarities of the cabbage and turnip. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.75.

Lettuce—Lattich Salat

One ounce will sow 100 square feet, or 120 feet of drill.

Mann's Imperial Lettuce

A Winner for the Home Garden. One of the very best cabbage varieties for summer heading. Pkt. 15c, oz. 30c, ¼ lb. 75c, lb. $2.00.

GRAND RAPIDS FORCING—There is no better forcing variety among the curled-leaved sorts than the Grand Rapids. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

BLACK-SEEDED SIMPSON—One of the best curled varieties, withstanding the summer heat. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

WAYAHEAD—Very early, sure-head and solid. Outer leaves light green, inner yellow. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

MAY KING—A new German variety, fine for forcing and outdoors; heads of medium size, yellowish-green in color; very early and a fine variety. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

BRITTLE-Ice—Grows to a larger size, is of more pleasing appearance, and retains its crispness and mild flavor to a greater degree during the hot summer months than any other crisp-head variety. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

NEW GOLDEN QUEEN—Popular for forcing. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.50.

SALAMANDER (B. S.)—Compact, tender heads resisting summer heat. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

IMPROVED BIG BOSTON LETTUCE—Identical in color, shape and general appearance as the Boston Market Lettuce, but double in size. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

ICEBERG—A large, crisp lettuce, always tender, stands hot weather remarkably; give each head 14 inches in the row. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

EARLY CURLED SIMPSON—Very early, largely grown in cold frames. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

Romaine or Cos Lettuce

NEW TRIANON COS, OR CELERY LETTUCE—The finest of all the Cos sorts; leaves when bleached are stiff like celery stalks, and can be eaten in the same manner. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.25.

Big Boston.

American Flag.

Mustard

SPINACH MUSTARD—A mild flavored mustard with a delicious spinach flavor, ready for cutting in 3 to 4 weeks after planting. Prepare like spinach or turnip greens. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

FORD HOOK FANCY MUSTARD—The plants are of vigorous growth; dark green leaves curve outward like a fine ostrich plume. Fine flavor, one of the best for early salad. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

White—**Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

Giant Southern Curled—**Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

Leek—Lauch

BROAD LONDON, or LARGE AMERICAN FLAG—Best American-grown seed. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. $2.00.

Cantaloupe or Muskmelon

One ounce will plant about fifty hills. Two or three pounds in hill per acre.

Mann's Surprise Cantaloupe

This melon is becoming more popular every year among the market gardeners. **Pkt. 15c, oz. 20c, ¼ lb. 50c, lb. $1.50.**

Early Knight Cantaloupe

A splendid early Cantaloupe of superb quality, and at the same time makes an excellent market or shipping melon.

Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.

SWEET AIR—It is the sweetest, finest flavored, juiciest and best melon ever offered. Well netted, thick green flesh, small seed cavity. **Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

Hearts of Gold.

ROCKY FORD NETTED GEM—It is uniform in size, thickly netted, distinctly ribbed, firm-fleshed and of most delicious flavor. **Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

BOTTOMLY—Is planted exclusively by the foremost cantaloupe growers of Anne Arundel County, in connection with the now famous Knight, maturing about 10 days later. **Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

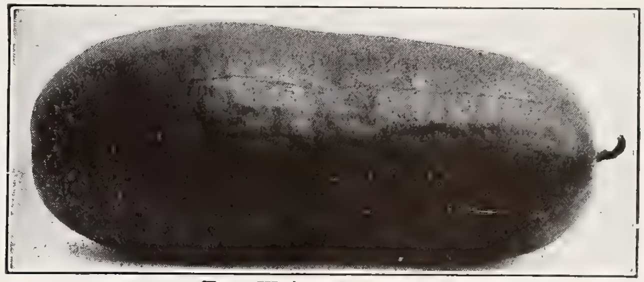
TIP TOP—It grows to a large size, has thick orange flesh and is sweet, juicy and of the finest flavor even close to the rind. **Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

POLLOCK'S No. 10-25 (Salmon Flesh)—This Musk Melon considered the best of the salmon-fleshed Rocky Fords. **Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

HALE'S BEST CANTALOUPE—Very early. Oval in shape, with heavy netting and ribs hardly apparent. The flesh is exceptionally thick and firm, of fine, sweet flavor. A deep salmon color. **Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.**

LONG JOHN—This is a product of Anne Arundel County which is famous for its fine Cantaloupes. Averages 8 to 10 inches, some specimens growing a foot long, deeply netted and ribbed, green-fleshed, thickly meated, and deliciously flavored. **Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. $1.25.**

HEARTS OF GOLD—Fruit round with tendency to heart-shape, slightly ribbed and covered with a fine netting; flesh very thick, deep salmon color and of high quality. **Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. $1.00.**



Tom Watson Watermelon.

Watermelon

Those using larger quantities than one pound of Watermelon Seeds should write us for special prices.

THURMOND GRAY WATERMELON—We consider the Thurmond Gray one of the best market sorts and recommend it to both market gardeners and large growers of watermelons. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

EXCEL (New)—Large, long dark green melon; has a tough rind, therefore making it a fine melon for shipping. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

IRISH GREY—Long melon, light green rind; fine shipping. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

GENERAL PERSHING—Long dark green melon; flesh firm and compact; very sweet; rind tough, making it a fine shipper. **Pkt. 5c, oz. 10c, ¼ lb. 30c, lz. $1.00.**

FLORIDA FAVORITE—An oblong melon of fine flavor. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

STONE MOUNTAIN (90 Days)—The largest of the round or nearly round Melons, for on good Melon ground they weigh 50 lbs. or better. The outside color is dark green; the flesh is deep red, firm and solid, almost all heart with no white hearts or stringiness. **Pkt. 10c, ¼ lb. 30c, lb. $1.00.**

STRIPED GYPSY, or GEORGIA RATTLESNAKE — A large, oblong melon. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

KLECKLEY'S SWEET—This is one of the earliest melons **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

TOM WATSON, NINETY DAYS—Long, dark green; much better than the Kleckley Sweet, and longer; fine variety. (See illustration.) **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

White Silver Skin Onion.

Okra or Gumbo

PERKINS' MAMMOTH LONG-PODDED—A very large-podded variety; popular with canners and for home use. Quality very fine. Pkt. 10c, oz. 15c, ¼ lb. 25c, lb. 60c.

DWARF GREEN PROLIFIC, or DENSITY—A very dwarf and prolific variety. Pods green, smooth and thickly set. Pkt. 10c, oz. 15c, ¼ lb. 25c, lb. 60c.

Onion—Zwiebel

Good Onion Seed is of the Greatest Importance

WHITE SILVER SKIN, or PORTUGAL—The leading sort of white onion. Skin is of a beautiful clear white color; flavor mild and a most excellent keeper. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.25.

YELLOW GLOBE DANVERS—The popular yellow globe onion for market and shipping purposes is almost ball shaped, but a trifle flattened at both ends. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.

PRIZETAKER—A superb variety where large size and superior keeping qualities are desired. Color a rich straw and flavor very mild and delicate. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.25.

Onion Sets

One quart to fifty feet of row; eight to ten bushels per acre, according to size of sets.

All onions attain full size and maturity for the same season from spring-sown seed, yet many people desire to plant out sets for earliest Onions for the table or to use green or for bunching.

YELLOW ONION SETS—Grown from our select strain of Yellow Danvers. Pt. 15c, qt. 25c.

WHITE ONION SETS—Grown from our select strain of White Portugal. Pt. 15c, qt. 25c.

The price per bushel is subject to change with the market. Write for quotations.

Parsnips—Pastinake

One ounce to 150 feet of drill.

HOLLOW CROWN, or LARGE SUGAR—The best variety in cultivation for general use; roots white, smooth, of intermediate length, sugary, of excellent flavor. Pkt. 5c, oz. 15c, ¼ lb. 25c, lb. 75c.

Parsley—Petersilie

One ounce to 150 feet of drill.

EXTRA-DARK MOSS CURLED—The large leaves are very heavily crimped and curled, being quite moss-like in appearance and of peculiarly rich, extra dark green coloring. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

FINE DOUBLE CURLED—Plants of dwarf compact growth, and the young leaves have the edges heavily crimped, being of quite mosslike appearance. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Peppers

One ounce will produce about 2,000 plants.

CRIMSON GIANT—The largest and finest mild red pepper; double the size of Ruby King. Pkt. 10c, oz. 40c, ¼ lb. $1.00, lb. $3.75.

NEAPOLITAN LARGE EARLY—Earliest of the large sweet peppers. Thick-meated and very productive. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.

Ruby King—Ideal pepper for filling and pepper hash. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.

LARGE BELL, or BULL NOSE—Early, large, red mild. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.

LONG RED CAYENNE—Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.

CHINESE GIANT—Pkt. 10c, oz. 40c, ¼ lb. $1.00, lb. $3.75.

PIMENTO LARGE SWEET—Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.

Maine-Grown Seed Potatoes

All of the Seed Potatoes we sell are grown in the State of Maine, where it is universally acknowledged the best seed potatoes are raised, and thousands of carloads are shipped every year from the counties of Holton and Aroostook alone. Farmers and truckers in the Middle and Southern States should renew their seed potatoes at least every two years, as by doing so they will realize the advantage of early maturity and productiveness.

IRISH COBBLER EARLY ROSE
GREEN MOUNTAIN GOLD COIN DAKOTA REDS

Special prices will be given on application.

Irish Cobbler Potatoes.

Early Bird.

Garden Peas

PLANT MANN'S SEEDS FOR BETTER RESULTS

We Do Not Pay Postage on Peas.
Three quarts of seed to 100 yards of row. One and a half to two bushels to the acre.

INOCULATE THIS SEED WITH STIMUGERM

EXTRA-EARLY ALASKA—The earliest blue pea. The dark green color of the pods makes it extremely desirable. Height 2 feet. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.00.**

LITTLE MARVEL—As regards Little Marvel peas, this variety we can recommend as being one of the very best short-vine peas introduced. The vines are about a foot high. **Pt. 25c, qt. 50c, pk. $2.50, bu. $8.25.**

NOTT'S EXCELSIOR—One of the best early dwarf peas. **Pt. 25c, qt. 50c, pk. $2.25, bu. $8.00.**

LONG-PODDED ALASKA—New, vigorous, handsome, long-podded, delicious flavored Alaska Pea. It is an abundant yielder. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.50.**

GRADUS, or PROSPERITY—Probably the best extra-early pea yet introduced. Only 2 or 3 days later than Alaska, and a wrinkled pea of excellent quality. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.50.**

THOMAS LAXTON—An extra-large-podded variety. Very dark green. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.50.**

AMERICAN WONDER—This is a dwarf variety, and leads all others in point of earliness, growing about 10 inches high. **Pt. 25c, qt. 50c, pk. $2.25, bu. $8.00.**

CARTER'S DAISY, or DWARF TELEPHONE—Pods broad and of a pale green color. Height 20 inches. **Pt. 25c, qt. 50c, pk. $2.25, bu. $8.00.**

EARLY BIRD—As early as Alaska. Dwarf, vigorous vines about 2 feet high, covered with immense well-filled pods. Can be planted as early as any variety. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.50.**

LAXTON SUPERB—A new dwarf Gradus. This is the largest podded of all the early dwarf varieties and is a new sort of decided merit. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.50.**

Mann's Full Pod Pea

An extremely valuable variety, superior to Nott's Excelsior and American Wonder, especially suited to small home gardens. **Pt. 30c, qt. 55c, pk. $2.50, bu. $8.25.**

TELEPHONE IMPROVED STOCK—A luscious wrinkled-pea; pod, large size and peas excellent quality; an enormous cropper; grows 4 feet high. **Pt. 25c, qt. 50c, pk. $2.00, bu. $7.25.**

NOTICE.—In ordering Peas to be sent by mail, please add 8 cents per pint to pay postage. Prices subject to change without notice.

Pumpkin—Grosse-Kurbis

One pound will sow 200 to 300 hills.

LARGE CHEESE—A good cooking variety, cheese shaped creamy yellow color, flesh fine-grained and one of the best for pies. **Pkt. 5c, oz. 15c, ¼ lb. 25c, lb. 75c.**

LARGE CONNECTICUT FIELD—Hardiest of all pumpkins, good for pies and stock feeding. **Pkt. 5c, oz. 15c, ¼ lb. 25c, lb. 75c.**

SMALL SUGAR—Early, prolific and very sweet, orange color; fine keeper. **Pkt. 5c, oz. 15c, ¼ lb. 25c, lb. 75c.**

KING OF MAMMOTHS—The giant variety, grows to enormous size; deep yellow, glossy color. Splendid to grow for stock and exhibition purposes. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. $1.00**

Herbs

All gardens should have some space devoted to the more important Pot Herbs. A few varieties are grown solely for the seed produced, which is used for flavoring cakes, bread, confectionery, etc.

	Pkt.	Oz.	¼ lb.
Dill	$.10	$.15	$.35
Fennel	.10	.15	.50
Lavender	.10	.30	.75
Marjoram, Sweet	.10	.30	.75
Sage	.10	.30	.75
Summer Savory	.10	.30	.75
Thyme	.10	.50	1.50

Small Sugar.

Early Scarlet Turnip, White Tipped.

Radish—Rettig

One ounce will sow 100 feet of drill. Nine pounds will sow an acre.

LONG WHITE ICICLE—The popular long white radish, very early. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

SAXA—A large globe-shaped variety of recent introduction. Color is brilliant cardinal; flesh firm and tender; matures early; grows to a large size, and is always very crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

EARLY SCARLET TURNIP, WHITE TIPPED—Early fine grain and flavor, round with white tip. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

VICK'S SCARLET GLOBE—A very desirable variety for open ground or forcing. It is nearly olive-shaped; bright scarlet color, of fine quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

GLOWING BALL, New—(Extra Early Forcing Variety). A splendid forcing radish which is a striking advance over the present scarlet forcing varieties. It has a perfect round shape, a small top, a thread-like tap-root, and a unique color. In fact, we have never come across a radish of such an unusual brilliant color. Bright fiery scarlet-red with a suffusion of orange, it has a glow all its own. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

EARLY SCARLET TURNIP—The old favorite turnip-shaped radish of medium size, quick to mature; a very desirable variety. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

FRENCH BREAKFAST—A quick-growing, oval-shaped radish, light color and white tip. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

WHITE STRASBURG—Large white radish, which stands summer heat; handsome shape and pure white color. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

CHINESE WINTER ROSE—Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c.

ROUND BLACK SPANISH WINTER—Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c.

LONG BLACK SPANISH—Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c.

Rhubarb or Pie Plant

Pkt. 10c, oz. 15c, ¼ lb. 50c.

VICTORIA—Large-size Roots. Each 20c, dozen $2.00.

Salsify or Oyster Plant

Five to eight pounds to an acre.

SANDWICH ISLAND MAMMOTH—The most popular salsify in cultivation, and far superior to the old varieties in size, weight and productiveness. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.50.

Spinach—Spinat

One ounce for 100 feet of drill. Sow ten to twelve pounds to the acre.

NEW ZEALAND—Grows large and produces a large quantity of leaves during the summer. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

VICTORIA—Dark green, crimped leaves. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

NEW LONG SEASON—The best for spring sowing, because it will stand longer before running to seed than any other variety. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

MANN'S RESELECTED BLOOMSDALE SAVOY—This new strain has been developed in response to the urgent demand on the part of large spinach growers for an improvement in the quality of the regular commercial Bloomsdale grown in Holland. The plants are large, heavy, uniform and in every way especially reselected to match the ideal Bloomsdale Savoy type. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

NEW SPRING—A valuable sort; its attractive dark green color, long-standing and hardy character make it desirable for both spring and late sowing. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Squash—Kurbis

Bush sorts, 1 ounce for 50 hills. Running varieties, 3 to 4 pounds, in hills, for an acre.

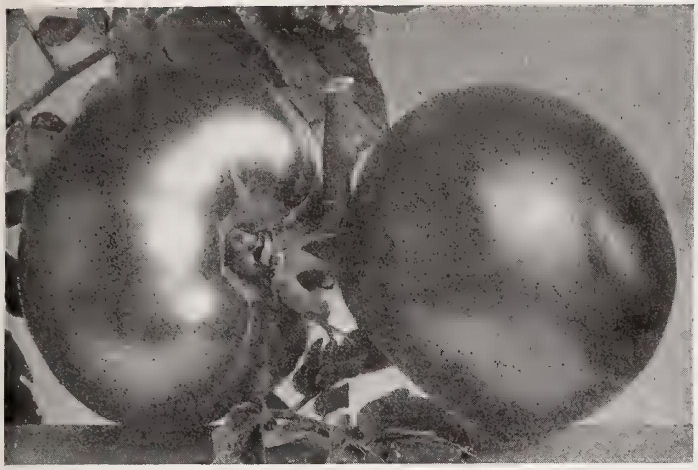
EARLY WHITE BUSH SCALLOPED, or PATTY PAN—The best for early market use. Preferred for table. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 90c.

SUMMER CROOKNECK—Early, fine flavor; a desirable table sort. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 90c.

BENNING BUSH—Earlier than the White Bush; color very light shade of green; bush habit; very productive and attractive appearance. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. $1.25.

TRUE HUBBARD—A desirable sort, suitable for winter use. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. $1.00.

Mann's Reselected Bloomsdale Savoy.



Bonny Best.

Tomato—Liebesapfel

NORTON—This is a wilt-resistant variety developed by the United States Department of Agriculture. Resembles Stone in every way as regards shape, color, size, season, etc. It resists wilt to a remarkable degree. **Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.**

PONDEROSA—It is the largest-fruited deep-colored tomato known; of very fine quality, solid, almost seedless and free from acid. **Pkt. 10c, oz. 40c, ¼ lb. $1.25, lb. $4.00.**

Mann's Beauty Tomato

The finest large-fruited, early-purple variety. A decided favorite for home market or shipping, being early, hardy, a strong grower. **Pkt. 15c, oz. 40c, ¼ lb. $1.25, lb. $3.50.**

"BONNY BEST" EARLY TOMATO—Enormously prolific, scarlet red, globe-shaped fruits, smooth and ripening evenly without cracking. **Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.**

NEW STONE—This variety has obtained great favor with canners and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red; in shape perfectly smooth and thicker from stem to blossom end than most varieties. **Pkt. 10c, oz. 30c, ¼ lb. 60c, lb. $1.75.**

MATCHLESS—One of the best main-crop tomatoes. The solidity, absence of core, size and color of the fruit, together with its freedom from rot, all unite in making this well worthy of the name of "Matchless." **Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.**

CHALK'S EARLY JEWEL—An extremely early variety of brightest scarlet color, deep fruited, very hardy and solid, with few seeds and of excellent flavor. **Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.**

OX HEART—A main crop, large fruited variety of distinct appearance and perfect quality. Heart-shaped, rosy pink, and very solid fleshed, with few seeds. Single fruits often weigh two pounds or more. Mildly acid and of pleasing flavor. **Pkt. 10c, oz. 60c, ¼ lb. $2.00, lb. $7.00.**

PRITCHARD, or SCARLET TOPPER TOMATO—Wilt-resistant, mid-season main crop variety. Heavy cropper of scarlet, globe-shaped fruits. Fruit very heavy, inside color beautiful red, desirable for canning. Abundant foliage to protect from sun scald. Excellent tomato for the home garden and market gardener as well as long distance shipper. **Pkt. 10c, oz. 40c, ¼ lb. 90c, lb. $3.00.**

BREAK O'DAY—The earliest, disease resistant, globe shaped, scarlet fruited, meaty Tomato yet introduced. 10 to 12 days earlier than Marglobe, and very productive. Break o'Day will fill a long felt want for an early Tomato with the good qualities of the popular later sorts. It was developed by Dr. Fred J. Pritchard, senior Physiologist of the U. S. Dept. of Agriculture, and is a cross between Marglobe and Marvana, having the disease resistant quality of its parents. Fruits are of the Marglobe type. **Pkt. 10c, oz. 40c, ¼ lb. $1.00, lb. $3.50.**

Marglobe Tomato

EARLY WILT-RESISTANT VARIETY which originated from a cross between Marvel and Globe. This cross was made by an expert plant breeder of the United States Department of Agriculture, with the purpose in mind of developing an early type of wilt-resistant tomato. **Pkt. 10c, oz. 40c, ¼ lb. 90c, lb. $3.00.**

GREATER BALTIMORE—An excellent main crop sort, producing large, solid smooth fruit of a brilliant red color. **Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. $2.50.**

PEAR-SHAPED YELLOW TOMATO—Handsome, bright, pear-shaped yellow fruit. **Pkt. 10c, oz. 40c, ¼ lb. $1.25.**

PLUM-SHAPED YELLOW TOMATO—Round and regular, bright yellow; used for pickling. **Pkt. 10c, oz. 40c, ¼ lb. $1.25.**

Turnip—Stockrube

EXTRA-EARLY PURPLE-TOP MILAN—Earliest turnip in cultivation; fit for use a week sooner than others. Suitable for spring or fall planting. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

PURPLE-TOP WHITE GLOBE—A standard white variety, with purple top, handsome globe-shaped and heavy cropper; leading turnip among truckers and gardeners. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

PURPLE-TOP STRAP LEAF—A white, flat, strap-leaf turnip, with purple top; mild flavor and very popular. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

YELLOW ABERDEEN—Hardy, good keeping turnip; yellow flesh and very productive. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

AMBER GLOBE—A good variety for general crop. Flesh solid and sweet; keeps well late in spring, grows large; fine for table or stock. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

IMPROVED AMERICAN PURPLE-TOP RUTABAGA—Very hardy and productive; flesh yellow, solid and sweet. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

SEVEN TOP—Cultivated extensively in the South for tops, which are used for greens. It is very hardy and will grow all winter, but does not produce a good root and is only recommended for the tops. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

SHOGOIN, or JAPANESE TURNIP—Very valuable for turnip greens. The leaves grow upright, about 2 feet high when fully developed which makes it free from insects. The roots are pure white, between flat and globe shaped. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

Purple Top White Globe Turnip.

Grass and Clover Seed

Timothy.

ALL PRICES ON APPLICATION

TIMOTHY (Phelum Pratense)—This makes one of the most popular, nutritious and salable of hay grasses.

ORCHARD GRASS (Dactylis Glomerata)—Orchard Grass is a very vigorous grower, and yields large crops of excellent and most nutritious hay, and will last for years in increasing value with proper treatment.

KENTUCKY BLUE GRASS—Kentucky Blue Grass is one of the richest and most nutritious of pasturage grasses, and should be largely used in all pasturage mixtures, except on very light or sandy soils.

RED TOP, or HERD'S GRASS—Red Top, or Herd's Grass, is one of the best and most satisfactory grasses all throughout the South.

ROUGH STALKED MEADOW GRASS (Poa Trivialis)—No Grass is better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other Grasses can exist.

ALFALFA, or LUCERNE—The hardiest and most lasting of all Clovers, and when once established the most productive as well as the best soil-enricher of all. It can be cut for hay several times a year, yielding bountifully at each cutting, and the hay is of the highest feeding value.

WHITE BOKHARA, or SWEET CLOVER—Can be sown either in the spring or fall. Should be sown at the rate of 15 pounds to the acre.

GOLDEN, or LIBERTY MILLET—Golden, or Liberty Millet makes a large yielding and most nutritious hay crop, quick-growing and easily cured.

MAMMOTH CLOVER (Trifolium Pratense Perenne)—Valuable with other grasses for mixed hay; ripens about with Timothy.

RED CLOVER (Trifolium Pratense)—Red Clover not only furnishes most excellent pasturage and hay crops, but its growth improves the land and adds humus to the soil wherever it is grown.

ALSIKE CLOVER—Grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing.

JAPAN CLOVER

(Lespedeza Korean)

ADVANTAGES OF JAPAN CLOVER

It grows on the poorest and dryest soils.

Lands totally unfit for other crops will produce Japan Clover.

Fine for reclaiming old worn-out fields and restoring them to fertility.

Selected Seed Corns

BOONE COUNTY WHITE—A large-eared variety of White Corn. It has deep, soft and very white grains; it is a vigorous grower and has become very popular.

GOLDEN BEAUTY—A broad-grained, large-eared variety, maturing in about 120 days.

PAMUNKEY ENSILAGE—Our Pamunkey Ensilage Corn is bred for height of stalk, breadth and thickness of foliage, as well as size and number of ears. It is of strong and vigorous growth, attaining a height of 13 to 15 feet, yields an unsually heavy growth of fodder and usually bears two ears to the stalk. The ears are 10 to 12 inches long, 2¼ to 2½ inches in diameter, with a good depth of grain.

EUREKA ENSILAGE—This variety is bred from the Cocke's Prolific. The ears are much larger and longer, but not as many to the stalk. The ears run from 9 to 12 inches long. It is a rather hard, pure white variety, and makes excellent meal. Is especially adapted to rich low grounds, and is one of the most valuable ensilage varieties.

Wheat

LEAP'S PROLIFIC—A splendid new variety, originating in the Shenandoah Valley. It is remarkable for its productiveness and fine quality of grain.

COW PEAS

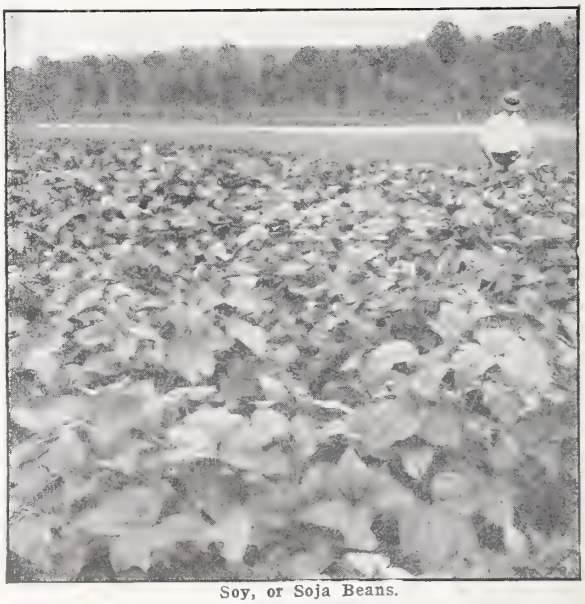
Cow Peas will make a good growth under very unfavorable conditions and on poor soil.

BEST VARIETIES TO PLANT—Clays, Whippoorwills, New Era, Mixed, Black Cows, Black Eyes, Canada Field Peas, etc. All our Cow Peas are fancy, recleaned, free from hulls. Write for our lowest prices.

SOY, or SOJA BEANS

VIRGINIA—On account of its abundant growth and large yield of beans the Virginia makes most excellent hay and ensilage. As it is about 20 days earlier than Mammoth Yellow, it can be grown further North and throughout the corn belt.

MAMMOTH YELLOW—The latest, yet the most extensively grown for both beans and forage, both of which it yields in great abundance. It grows more than 3 feet high; is erect in growth.



Soy, or Soja Beans.

HEDGE PLANTS

PRIVET—The most popular of all hedges. Set 6 inches apart.

CALIFORNIA—An upright grower with glossy green foliage. Succeeds under the most adverse conditions. **18 to 24 inches, $5.00 per 100; $40.00 per 1,000.**

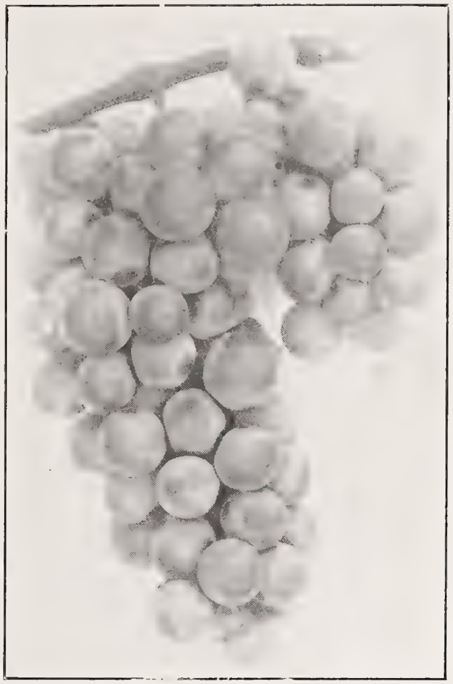
GRAPE VINES

All varieties 30c each; $2.50 per dozen.

CATAWBA—The bunches and berries are large; dark copper color when ripe; sweet with a pleasant musky flavor.

CONCORD—Succeeds everywhere; very productive; the bunches large and compact; berries large and black.

NIAGARA—Bunches very large and compact; berries large, light greenish white; skin thin but tough; tender and sweet.



Grapes.

"DOGZOFF"

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellant and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.
"Dogzoff" is applied with any small insect sprayer and one application usually does the work.
"Dogzoff" will save its cost many times over around the garden and home.

PRICE FOR SEASON'S SUPPLY **69c** PRE-PAID

SPRINKLER

No. 42—2 qt. can, each	$ .40
No. 44—4 qt. can, each	.50
No. 216—6 qt. can, each	.75
No. 218—8 qt. can, each	.90
No. 220—10 qt. can, each	1.10
No. 222—12 qt. can, each	1.25
No. 226—16 qt. can, each	1.40

STRAWBERRY PLANTS

BEAUTY—A large round berry of a bright red color, an easy berry to grow and worth space in your garden. **$8.00 per 1,000.**

GANDY—A very late variety; excellent quality and very firm. Gandy should be planted on low springy soil to do its best. **$7.00 per 1,000.**

PREMIER—The most popular early berry ever introduced. Covers a long season of ripening berries of large uniform size and color. **$7.00 per 1,000.**

MASTODON—The wonderful everbearing Strawberry. By planting this berry with proper care, you can have Strawberries from early summer until late fall. A berry that you should include in your garden. The berries are a beautiful red color, very firm and juicy. **$12.00 per 1,000.**

Note.—Should you wish a good late crop of Mastodon you should keep all the blossoms picked off until July 1st then let them fruit the balance of the summer and fall.

CEDAR PLANT TUBS

New York Style.

Richmond Style.

Richmond Style

Size	Inside Top Dia. Inches	Inside Bot. Dia. Inches	Inside Depth Inches	Price Each
No. 1	6	5	6	$ .55
No. 2	7	5	7	.60
No. 3	8	6	8	.65
No. 4	9	7	9	.70
No. 5	10	7½	9	.80
No. 6	11	8½	10	1.00
No. 7	12	9	11	1.15
No. 8	13	10	12	1.50
No. 9	14	11	13	1.70
No. 10	15	11½	14	1.85
No. 11	16	12½	15	2.10
No. 12	17	13½	16	2.45
No. 13	18	14½	17	2.95
No. 14	19	15½	18	3.55

New York Style

No. 1	12	9¾	10⅝	2.15
No. 2	13	10¾	12¾	2.80
No. 3	14½	12 1/16	14¾	3.45
No. 3½	16½	14½	15¾	4.55
No. 4	19 7/16	17¼	16⅝	4.90
No. 5	22 7/16	20¼	18½	6.40

PERFECTO FLOWER BOXES

	Each
20 in. long, 6 in. deep, 7 in. wide	$ .90
26 in. long, 6 in. deep, 7 in. wide	1.25
32 in. long, 6 in. deep, 7 in. wide	1.50
38 in. long, 6 in. deep, 7 in. wide	2.00
44 in. long, 6 in. deep, 7 in. wide	2.50

POT AND TREE LABELS—PAINTED

3½-inch Painted Tree Labels with wire.

100 40c, 500 $1.50, 1,000 $2.85

6-in. Pot Labels, 100 45c, 1,000 $3.00.

EARTHENWARE SAUCERS

	Each	Dozen
4 inch	$ .03	$ .30
5 inch	.04	.40
6 inch	.06	.65
7 inch	.08	.80
8 inch	.10	1.10
9 inch	.13	1.50
10 inch	.23	2.50
12 inch	.33	3.75
14 inch	.40	4.00

NEPONSET FLOWER POTS

	Dozen	Per 100	Per 1000
3 inch	$ .15	$ .70	$6.00

FLOWER POTS AND FERN POTS

	Each	Dozen	Per 100
2 inch	$ .03	$ .20	$ 1.15
2½ inch	.04	.27	1.85
3 inch	.04	.30	1.95
4 inch	.05	.45	3.00
5 inch	.08	.75	5.40
6 inch	.12	1.15	7.75
7 inch	.20	1.85	13.50
8 inch	.25	2.75	20.00
9 inch	.35	3.75	29.00
10 inch	.45	5.15	37.50
12 inch	.90	9.50	75.00
14 inch	1.60	16.00	125.00

AN ALL-THE-YEAR FERTILIZER FOR GARDEN AND HOUSE PLANTS

STIM-U-PLANT TABLETS—25c pkg., 75c pkg., $3.50 1,000 tablets.

PLANTABBS—25c pkg., 50c pkg., $1.00 pkg., $3.50 1,000 tablets.

LOMA—5 lbs. 45c, 10 lbs. 85c, 25c lbs, $1.50, 50 lbs. $2.50, 100 lbs. $4.00.

VIGORO

Specially prepared plant food

For LAWNS, GARDENS, FLOWERS, SHRUBBERY, TREES

VIGORO is especially prepared to supply growing things with all of the plant food elements needed for rapid, sturdy, and luxuriant growth.

VIGORO is odorless, clean and easy to apply. It can be sown by hand, like grass seed. 100 lb. bag, $4.00; 50 lb. bag, $2.50; 25 lb. bag, $1.50; 10 lb. bag, 85c; 5lb. can, 45c.

DUBAY

SEMESAN BEL—for seed potatoes.
CERESAN—for seed grains.
SEMESAN JR.—for seed field and sweet corn.
SEMESAN—for flower and vegetable seeds.

SEMESAN BEL

4 oz. tin	$ .50
1 lb. tin	1.75
5 lb. tin	8.00

CERESAN (New Improved)

1 lb. tin	$ .75
5 lb. tin	3.00
25 lb. pail	12.50

SEMESAN JR.

4 oz. tin	$ .50
1 lb. tin	1.50
5 lb. tin	7.00

SEMESAN

2 oz. tin	$ .50
1 lb. tin	2.50
5 lb. tin	11.75

SEED INOCULATION

STIMUGERM
LEGUME INOCULATION

The Best Inoculation for All Legume Seeds Means Better Crops, Better Soils, Less Fertilizer Expense. Alfalfa, Clovers, Soybeans, Cowpeas, Vetch, Peanuts, all thrive into bumper crops when properly inoculated with STIMUGERM pure-bred cultures.

Nodules with Nitrogen worth their weight in gold.

WHAT STIMUGERM JELLY IS

STIMUGERM JELLY is a pure culture of nitrogen fixing bacteria, selected for maximum vitality and ability to transform nitrogen from the air into soluble nitrates and deposit them in the soil.

EVERY BOTTLE IS DATED and guaranteed for one year.

PRICES ARE LOW

Alfalfa and Mixed Clovers

½ bushel unit	$ .35
1 bushel unit	.65
2½ bushel unit	1.40

Soy Beans, Vetch, Beans, Peas, and Cow Peas

1 bushel unit	$ .35
2 bushel unit	.65
5 bushel unit	1.40

Jelly Medium

Insecticides and Fungicides

ANTROL—Ants destroyed in their nests—New method gets them at their source—Safe. Permanent. Effective. **Prices: Antrol sets containing 4 containers and one 4-oz. bottle of syrup, 75c; Antrol extra containers (each) 10c; Antrol syrup, 4-oz. bottle, 35c; pints, 85c; gallon $3.50.**

ANTROL READY FILLED SETS—(Each Set contains four ready filled ant feeders.) **Per set, 40c.**

APHINE—A nicotine preparation for plant lice, thrip and red spider. **1 qt. $1.00, 1 gal. $3.00.**

ARSENATE OF LEAD (For Leaf-Eating Insects)—Sticks to the leaf better than Paris green and remains longer in suspension, requires fewer applications; does not burn the leaf. **1 lb. 25c, 4-lb. pkg. 80c, 48 lbs. $7.20.**

ARSENATE MAGNESIUM—**2 lbs. 65c.**

BORDEAUX ARSENATE—Kills chewing insects and controls fungous diseases. **Lb. 35c, 4 lbs. $1.25, 48 lbs. $11.00.**

BORDEAUX MIXTURE—Ready for use by simply adding water. **1 lb. 25c,** makes 5 gallons spray; **4 lbs. 80c,** makes 25 gallons spray; **100 lb. drum, 15c lb.**

"BLACK LEAF 40"—40% Nicotine—Kills Aphis—For Sucking Insects.—Kills plant lice on roses, shrubbery, fruits, and vegetables. A concentrated solution of nicotine sulphate, guaranteed to contain not less than 40% of nicotine. **1 oz. bottle 35c, 5 oz. bottle $1.00, 1 lb. bottle $2.25, 2 lb. tin $3.25, 5 lb. tins $5.85, 10 lb. tins $9.85.**

CYANOGAS, "Calcium Cyanide," Grade A—For the destruction of ground moles, wood chucks, rats and other rodents. **½ lb. 45c, 1 lb. 75c, 5 lbs. $3.00.**

CYANOGAS "G" FUMIGANT—**5 lbs. $3.00.**

FISH OIL SOAP—Dissolved in water makes an excellent spray for scale on palms, etc., **1-lb. pkg. 30c, 5 lbs. $1.25, 10 lbs. $2.25.**

FUNGTROGEN—A highly concentrated form of fungicide that will conquer mildew and control black spots on roses. It also supplies an essential fertilizer. Dilute 1 part with 60 parts of water. **½ pt. 75c, pt. $1.25, qt. $2.00.**

HAMMOND GRAPE DUST, For Mildew and Blight—**1-lb. carton 30c, 5 lbs. 80c.**

HAMMOND'S SLUG SHOT, For Leaf-Eating Insects—**1 lb. 25c, 5-lb. pkg. 75c.**

CALCIUM ARSENATE (Arsenate of Lime)—For Mexican bean beetle, boll weevil and other leaf-eating insects. **Lb. 25c, 4-lb. pkg. 80c.**

GRAFTING WAX—Used for grafting trees and other plants. **¼ lb. 20c, ½ lb. 30c, lb. 50c.**

KAYSO—What it does: Spreads the Spray and makes it stay. The ordinary spray collects in spots, leaving unprotected spaces which permit infestation. Kayso gives a smooth, uniform coating on buds, twigs, branches, fruits and foliage, which will adhere long after the ordinary spray has disappeared. **2 lbs. 45c.**

LIME-SULPHUR SOLUTION—Lime-Sulphur is used both as an insecticide and a fungicide. As an insecticide it is used principally against scale insects, especially the San Jose Scale. For scale insects it is applied while the trees are dormant and is diluted with 8 or 9 parts of water. **1-qt. can 40c, 1-gal. can 80c, 5-gal. can $3.00, 10-gal. can $5.00, 50-gal. drum (per gal.) 22c.**

LIME-SULPHUR POWDER—Apply 12 to 15 pounds in 50 gallons of water. **1 lb. 30c, 5 lbs. $1.25, 10 lbs. $2.00, 25 lbs. $4.00.**

NEW EVERGREEN SPRAY—Greatly simplifies insect control for home gardeners. It does away with complicated and confusing instructions and provides you with one product that will take care of 95 per cent of the insect troubles in home gardens. **1-oz. bottles 35c, 6-oz. cans $1.00, 16-oz. cans $2.00, 1-gal cans $11.00.**

NICO FUME (Liquid)—An effective vaporizing liquid. **Lb. $2.25, 4 lbs. $5.75, 8 lbs. $10.00.**

NICO FUME TOBACCO POWDER—**1-lb. tins $1.00, 5-lbs. $3.35, 10 lbs. $5.85.**

SELOCIDE—Kills Red Spiders. **1 qt. $1.25, 1 gal. $3.25.**

PARIS GREEN, For Leaf-Eating Insects—It is a strong poison and should be used with care. Mix one pound of Paris green to 50 pounds of plaster, or with water to 150 gallons. On vines and tender vegetables use a larger proportion of plaster and water. **¼ lb. 15c, 1 lb. 45c, 5 lbs. $1.85.**

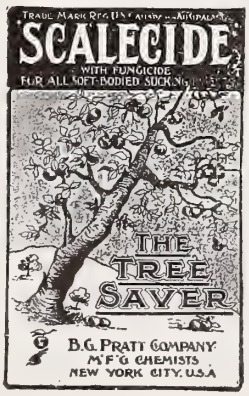
PYROTE. A non-poisonous insecticide for killing both chewing and sucking insects. **1 oz. bottle 35c, 6 oz. bottle $1.00.**

TRI-OGEN—Triple spray treatment. Fungicide, insect killer, repellent. Complete protection against plant diseases and insects. Stimulates plant growth. In highly concentrated form, in 3 convenient sizes. **$1.50, $4.00, $6.00.**

PYROX (With Nicotine)—The one best and safest all-around spray which kills all leaf-eating insects and prevents blights and all fungous troubles without injury. **10-oz. tin 40c, 1-lb. jar 50c, 5-lb. drum $1.75, 10-lb. drum $3.00.**

RED ARROW (Non-poisonous)—Will kill Rose Chafers, Thrips, Mealy Bugs, Caterpillars, Mexican and Japanese Bean Beetles and other insects. **Oz. 35c, 4 ozs. $1.00, 1 pt. $2.50, qt. $4.00, 1 gal. $12.00.**

ROTECIDE INSECT DUST (Non-poisonous)—Kills Aphis (Plant Lice), Cabbage Worms, Leaf Hoppers, Mexican and Japanese Bean Beetles and other Insects. **1-lb. pkg. 35c, 5 lbs. $1.25.**



SCALECIDE, THE TREE SAVER—One gallon "Scalecide" will spray as many trees as 3½ gallons of Lime-Sulphur Solution. Dilute for all dormant spray work, 1 part to 15 parts of water. **1 qt. 65c, gal. $1.55, 5 gals. $5.50, 10 gals. $9.50, 15-gal. drums $11.25, 50-gal. bbls. $26.00.**

SULPHATE OF COPPER—Per lb. **15c, 10 lbs. $1.00, 100 lbs. $7.00.**

SULPHUR (Flowers)—**1 lb. 10c, 10 lbs. 75c, 50 lbs. $3.00.**

PARA DICHLOROBENZENE, or CRYSTAL GAS — Controls peach borers; use in June and September, 1 ounce to each tree. **1 lb. 50c, 5 lbs. $1.60, 10 lbs. $3.50, 25 lbs. $7.50.**

INSECTICIDES AND FUNGICIDES—Continued

ATLACIDE
CALCIUM CHLORATE

A Non-Poisonous Weed Killer

Can be dissolved in water and applied as a spray.

Can be dusted on the weed from the Sifter Cans

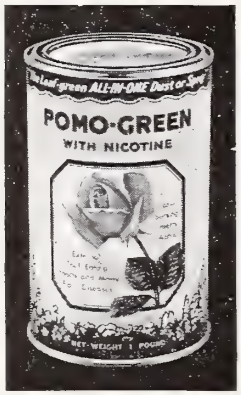
Very Effective on Poison Ivy

Will exterminate all undesirable vegetation—including poison ivy—as easily as watering a garden, without endangering human or animal life. One pound is ample to clear 450 square feet of densely vegetated area. **1 lb. 50c, 3½-lb. cans $1.50.**

SNAROL—Quickly kills garden pests. Science provides new, safe method that does the work without fuss. Snails, cutworms, slugs, grasshoppers, sowbugs, earwigs, etc., are exterminated. **1½ lb. pkgs. 35c, 4 lb. pkg. 85c.**

TOBACCO DUST—1 lb. 10c, 10 lbs. 50c, 50 lbs. $1.50, 100 lbs. $2.50.

TREE TANGLEFOOT—A paste preparation painted around the trunk of a tree to keep caterpillars, etc., from crawling into the tree. **6-oz. can 30c, 1 lb. 60c, 5 lbs. $2.75, 10 lbs. $5.25.**



KEY WEED is especially adapted for destroying weeds in walks, dirt tennis courts, golf links, etc. One application will kill roots and foliage in 48 hours and no more weeds will grow until more seed is sown. **Qt. can 60c, gal. can $1.50, 5 gals. $6.25.**

NIAGARA POMO-GREEN

The Leaf-Green Kolodust used for the control of many diseases and external chewing insects on flowering plants and shrubs. **1-lb. can 50c, 5-lb. carton $1.75.**

POMO-GREEN (With Nicotine)—1 lb. can 75c, 5 lb. can $3.00.

K-R-O—Kills Rats and Mice Only. This wonderful new exterminator is the only one of its kind on the market that is harmless to animals other than rats and mice. **2-oz. size 75c, 4-oz. size $1.25.**

TANGLEFOOT ROACH AND ANT POWDER is odorless, non-irritating and is more certain to rid premises of roaches and ants than any irritating powder or liquid. **4-oz. can 35c, 1-lb. can $1.00.**

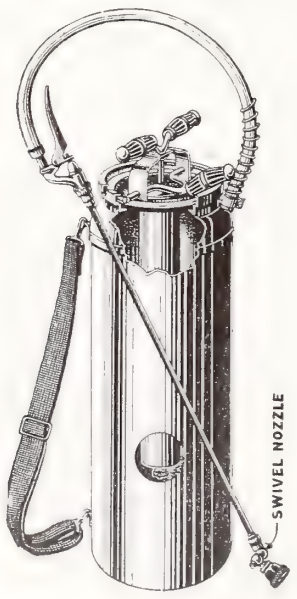
TREE WOUND DRESSING—Prevents decay after pruning. Stops tree bleeding. **Pint 50c.**

SULFOCIDE, A Better Summer Spray—A concentrated liquid sulphur fungicide. Used on both peaches and apples and on all kinds of fruits, vegetables, and flowers. Controls apple scab, brown rot of peaches, plums and cherries. Dilute 1 to 200. **1 pt. 50c, qt. 85c, gal. $2.25, 5 gals. $7.50, 10 gals. $13.50, 30 gals. $33.00, 50 gals. $50.00.**

VOLCK—A spray for the garden, nursery, and greenhouse; effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphis, thrip, etc.; not only kills the insects but also acts as a repellant. **½ pt. 35c, pt. 50c, qt. 75c, gal. $2.00.**

A Complete Line of SPRAYERS and SPRAYING ACCESSORIES

IT PAYS TO SPRAY—A GOOD SPRAYER WILL PAY FOR ITSELF.



Brown's Open-Hed Compressed Air Sprayers.

A new type compressed air sprayer, with big 5″ TANK OPENING, so that solution can be mixed right in tank, and tank can be wiped absolutely dry. The tank is electrically welded, so that it is practically seamless; it is hot dip galvanized after it is processed so that the tank lining, inside and out, is a seamless coating of galvanize. This sprayer is one of the MOST DURABLE machines which we have seen and we can recommend it, without hesitation, to the most particular buyer.

Made of either strong steel, hot dip galvanized, or a brass-copper alloy in either three and three-quarter gallon capacity or three gallon capacity. Pump lifts out in one complete unit; has simplest and safest locking device possible.

Completely equipped—has swivel nozzle—fully guaranteed.

No. 3¾B Open-Hed—3¾ Gal. Brass.....$7.65
No. 3¾D Open-Hed—3¾ Gal. Steel..... 5.00
No. 3B Open-Hed—3 Gal. Brass.....$6.95
No. 3D Open-Hed—3 Gal. Steel..... 4.50

EXTRAS

Auto-Pop $1.25
Auto-Pop Nozzles, with Hose and Fittings.. 1.75
Extension Pipe, Brass, 2-foot length..... .50
Brass Elbow Extension.....$ .35
Brass Strainer for straining solutions used in Auto Spray..... 1.20

Sprayers for Applying Insecticides—*Continued*

BROWN'S No. 1 DUSTER—½ Pint Capacity 50c.

One of the most important features of this Duster is—that the amount of dust expelled can be regulated by the position in which the jar is held in the operator's hands. When the agitator is directed down, large quantities of dust can be expelled.

Fig. 1726

MYERS COG GEAR BUCKET SPRAY PUMP

Fig. 1726, No. R324, illustrates the Myers Spray Pump Changing-Gear Handle. This Pump has 1½-inch diameter brass cylinder with solid plunger, brass ball valve and brass air chamber discharge tube. The foot rest, head and cog gear handle are malleable iron. The large cylinder, in combination with the cog gear handle, makes this an exceptionally easy-working pump of more than ordinary capacity.

Price, with 3-ft. Rubber Hose	**$6.00**
Price, with 8-ft. Extension Pipes	**6.75**
Bordeaux Nozzle	**.75**
Vermorel Nozzle	**.80**
Extension Pipe, 8 feet	**.75**

THE MYERS PORTABLE SPRAYER

Made of extra heavy galvanized iron; capacity 12½ gallons; suitable for greenhouse work, spraying trees, whitewashing, painting, etc. A general utility pump about the home.

Price List represented by Fig. 2790—No. R336½B. Myers Portable Sprayer, complete as shown in illustration, with Dasher and Jet Agitator, 15 ft. Hose, 8-ft. Extension and Vermorel Nozzle.
Price $25.00
With Cog-Gear Spray Pump Dasher and Jet Agitator

BLUE RIBBON SPRAYER—An excellent compressed air sprayer, made of heavy copper bearing galvanized steel. This sprayer has been greatly improved by the addition of an aluminum, hexagonal, threaded pump cap, Non-Clog screen nozzle and 2-inch diameter seamless brass pump.

3¾ Gallons. Price $5.00

⅜ in. Spray Hose, 10c per ft.

½ in. Spray Hose, 14c per ft.

Couplings for same, 10c each.

LOWELL'S WARRIOR DUSTER, No. 465. 1 Quart capacity. Price $1.00

BROWN'S AUTO SPRAY, No. 26BG. 1-Quart Capacity, Glass Tank, Continuous Sprayer. Price $1.10

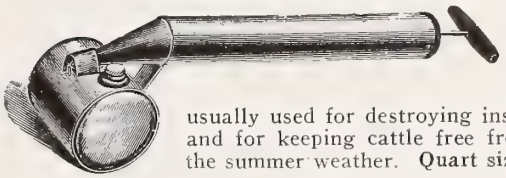
BROWN'S DUSPRAY. 1-Pint Capacity. Glass Tank, Continuous Sprayer. Price 50c.

MYERS COG GEAR BARREL SPRAY PUMP

With Malleable Iron Base
Cylinders, Valves, Valve-Seats and Discharge, All Brass
All Working Parts Submerged in Liquid, hence no priming necessary.
Has both Jet and Mechanical Agitator.

Fig. 1521, No. 318B, represents Myers Cog Gear Barrel Spray Pump, with both jet and mechanical agitators, complete with 15 feet of ½-inch 5-ply discharge hose and Myers graduating Vermorel nozzle.
Price $16.00

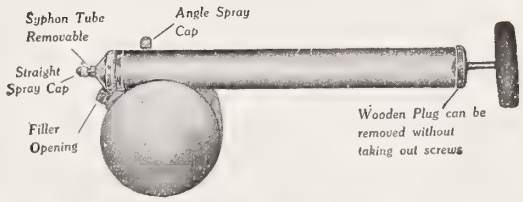
WHIRLWIND SPRAYERS



These Sprayers throw a very fine spray of any liquids usually used for destroying insects, bugs, etc., and for keeping cattle free from flies during the summer weather. **Quart size, 40c.**

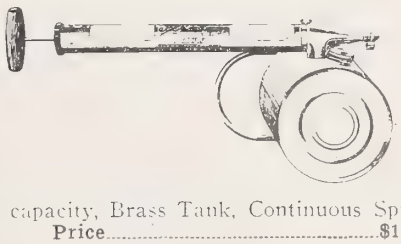
THE BROWNIE SPRAYER—Tin pump, 6 oz. glass jar. 25c Each.

AUTO COMPRESSED-AIR SPRAYER



Just the thing to use in the greenhouse, window garden, for rosebushes and in the poultry house.
26B—Brass Tank $1.25

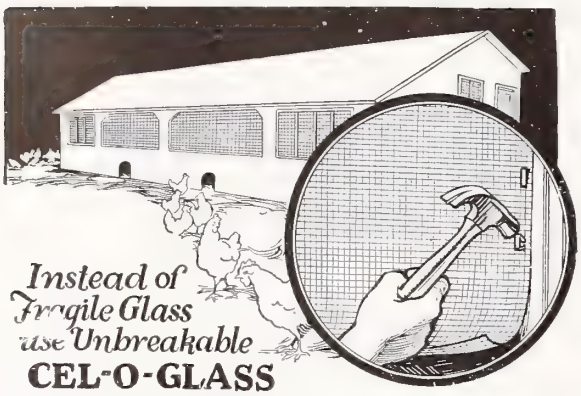
BROWN'S No. 26-F SPRAYER



2-quart capacity, Brass Tank, Continuous Sprayer.
Price $1.50

Poultry Supplies

CEL-O-GLASS



CEL-O-GLASS is a new, unbreakable glass. It is the most economical and practical glazing material on the market. It replaces ordinary, fragile, costly glass for nearly every purpose.

CEL-O-GLASS is made of coarse mesh galvanized wire cloth treated in such a manner that the spaces between the strands are filled with a clear, translucent, tough flexible substance that will not rub off, peel, or become brittle.

CEL-O-GLASS cannot rust; 3 feet wide. **Per running foot, 45c.**

VIMLITE—The flexible health glass, reinforced with wire. Ultra-Violet Rays free when you use Vimlite. The most convenient and economical window material. For poultry houses, hotbeds, etc. 3 feet wide. **Price, 40c per running foot.**

PRATT'S POULTRY REGULATOR

25c and 50c sizes.

12½ lbs.	$1.50
25-lb. bucket	2.75
100-lb. drum	9.50

PRATT'S LICE KILLER

(Powdered Form)

Package 25c, 50c

PRATT'S DIP AND DISINFECTANT

Quart 50c, gallon $1.45

PRATT'S R-P TABLETS

25c and 50c sizes

DON SUNG (Chinese)

Laying Tablets for Winter Eggs

Package 50c and $1.00

CONKEY'S Y-O

1 lb. 50c, 2 lbs. 90c, 5 lbs. $1.60

CONKEY'S DIATEX

25c and 50c sizes

PRATT'S N-K WORM CAPSULES

55c and 85c sizes

GROUP-OVER

For treatment of Roup, Canker, and Colds in Poultry.

Price 50c.

AVICOL

For treating White Diarrhoea and Cholrea.

Price 50c

WALKO

For white diarrhoea, roup and cholera. **Prices 50c and $1.00.**

DRY MASH HOPPER

The Most Sanitary Anti-Clog Dry-Food Hopper manufactured.

Prices

12 in. 12 qt.	$1.70
24 in. 24 qt.	2.40

Parcel Post Weight

12 qt.	6 lbs.
24 qt.	10 lbs.

Hopper Closed

DR. HESS POULTRY PAN-A-MIN

makes poultry healthy; makes hens lay; not a stimulant, but a tonic, that tones up the dormant egg organs, brings back the scratch and cackle, and compels each hen to put her share of eggs in the market basket.

It also contains internal antiseptics that counter-act disease; insures a healthy, singing poultry flock.

600 Hen Size (100-lb. drum)	$8.50
150 Hen Size (25-lb. pkg.)	2.50
90 Hen Size (15-lb. pkg)	1.75
40 Hen Size (7-lb. pkg.)	.85
20 Hen Size (3-lb. pkg.)	.45

CONKEY'S BUTTERMILK STARTING FOOD FOR BABY CHICKS

5-lb., 10-lb., 25-lb. and 100-lb. bags. Also Growing Mash put up in 100-lb. bags. Prices on application.

CERTAIN-TEED RUBBER ROOFING

For Your Poultry House

Medium, 108 sq. ft., per roll $1.75

STORMTITE ROOFING

Medium, 108 sq. ft., per roll	$1.75
Sheathing Paper, per roll	1.00
Kure-a-Leke Roof Paint, per gal	1.00

Poultry and Dairy Supplies—*Continued*

QUEEN COLONY BROODER STOVE

No. 1— 600 Chick Size.....$20.00
No. 2—1200 Chick Size..... 24.50

INCUBATORS AND BROODERS

We carry a full line of Queen Incubators and Brooders. Prices on application.

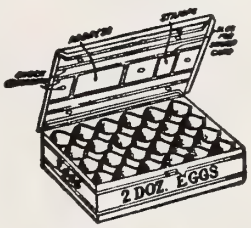
THE PUTNAM BROODER

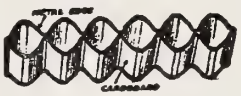
This is used to heat a home-made brooder, which will take the best of care of from 30 to 60 chicks. Instructions for making brooder packed with every heater. A boy can make the brooder in an hour with saw and hammer. The materials need not cost over 25c. The Putnam Brooder Heater holds one quart of oil and will burn 10 days without filling or trimming; needs no other attention.

Putnam Heater—Our Special Price $1.95. Keeps water from freezing in cold weather.

PARCEL POST EGG BOXES

NEW MODEL EGG BOXES

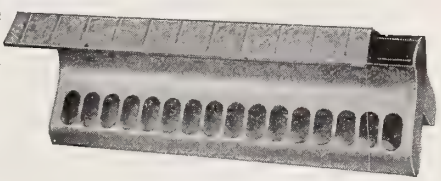




1½-dozen size, all eggs, weight empty 3 lbs.	$1.00
2-dozen size egg box	1.25
3-dozen size egg box	1.50
4-dozen size egg box	1.75
6-dozen size egg box	2.00
12-dozen size, all eggs, weight empty 10 lbs	4.00

INEXPENSIVE BABY CHICK FEEDER FOR LARGE FLOCKS

This feeder is made in three sizes—21 inches, 35 inches, and 48 inches in length. Sloping top prevents roosting and slides off for filling or cleaning.



No. 140—21 inches, each.....$ .80
No. 141—35 inches, each..... 1.25

BLACK HAWK CORN SHELLER

Original in every feature; never breaks or fails to do good work. Shells fast. Shells easily.

Price, $3.00.

SAVE YOUR COWS BY USING KOW-KARE

The Great Cow Medicine

Watch every cow, and at the first sign of disorder in appetite, digestion, or flow of milk, give a dose of **KOW-KARE.** Carefully follow the directions as given on the box, and that cow will get well.

Price, 65c and $1.25.

BAG BALM

For Bunches, Caked Bag, Cuts, Sore Teats, Chapping, and Inflammation.

Price, per can, 60c.

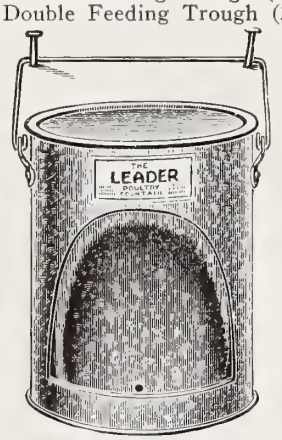
COMBINATION CRATES—With Metal Containers

No. 1—2 lbs. and 1 dozen eggs.....$1.25
No. 2—4 lbs. and 2 dozen eggs..... 1.75
No. 3—4 lbs. and 3 dozen eggs..... 2.00

We carry a large stock of **CELLULOID LEG BANDS** in all colors. **Price, 60c per 100, 12c per dozen, 30c for 50 bands.**

DRINKING FOUNTAINS AND FEEDERS

Star Drinking Fountains.....$ .10
No. 11—Round Chick Feeder (8-hole size)..... .10
No. 12—Round Chick Feeder (12-hole size)..... .15
Double Feeding Trough (12 inches long)..... .30
Double Feeding Trough (24-inch size)..... .45



CAPONIZING SETS

$3.00 and $3.75

LEADER FOUNTAIN

A new Sanitary Fountain, practical to use, easy to keep clean.

A saving of from 30 to 40 per cent over any fountain of its size.

6-quart size .....$ .85
3-gallon size 1.50

FELKER'S NIFTY FEEDERS

20c

HANDY—A PERFECT FEEDER

For Sour Milk, Buttermilk, Medicine, Water, Grain, Grit.

The container is aluminum, the only metal in which sour milk or medicine can be fed with safety. The **Handy** is adjustable, simple to operate, and durable; rustproof and non-corroding. Every one has some kind of a quart fruit jar. The **Handy** fits them all.

Price, each, 25c

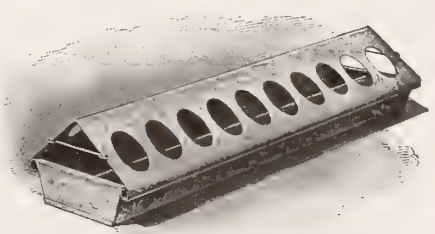
FELKERS JR. CHICK FEEDER

The Most Successful Chick Feeder.

Prices

12-inch size, 15c

20-inch size, 25c



CEDAR CYLINDER CHURNS

Double Dasher—Thumb Screw Lock

We now use a double dasher, and the crank is locked to the churn with a clamp and thumb screw which prevents leakage—lock cannot break.

No. 1— 3 gallons, each.....$4.00
No. 2— 4 gallons, each..... 4.75
No. 3— 7 gallons, each..... 5.50
No. 4—10 gallons, each..... 6.25

RICE'S CALF WEANERS

Also prevents cows from sucking themselves.

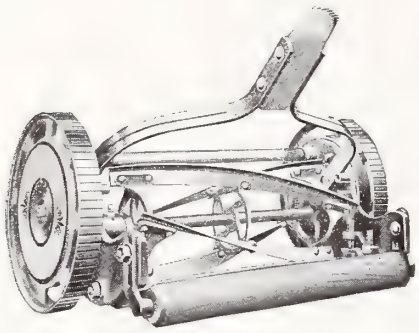
No. 1—For Calves .....$ .50
No. 2—For Heifers ..... .75
No. 3—For Cows 1.00

SHAW'S CALF WEANERS

Price, each, 60c

Lawn Mowers and Hedge Shears

COLDWELL'S IMPERIAL HIGH WHEEL LAWN MOWERS



16-inch High Wheel Mower $17.75
18-inch High Wheel Mower 18.50
20-inch High Wheel Mower 20.25

LAKEWOOD LAWN MOWERS

Bearings—High grade balls and cone; adjustable.

Wheels—9 inches, solid style, eight spokes.

The best all-around ball-bearing mower to be had at a moderate price.

14-inch Cut ..... $10.50 16-inch Cut $11.00

NEW YORKER BALL BEARING LAWN MOWER

14-inch Cut. Each $6.25
16-inch Cut. Each 6.75

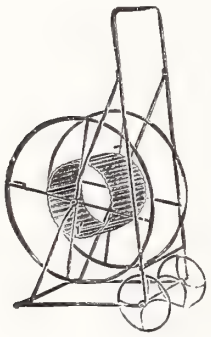
MO-KLEEN CHAMPION—16-inch $14.00

SUBURBAN—Rubber Tire, 16-inch 12.50

METROPOLITAN—4 Blade Ball Bearing, 14-inch 6.00

METROPOLITAN—4 Blade Ball Bearing, 16-inch 6.50

HOLLYWOOD—12-inch, 8-inch wheel, 4 Blade 5.00



STEEL HOSE REEL

Price, each, $2.00

GARDEN HOSE

⅝-inch, 25-foot lengths $2.50
⅝-inch, 50-foot lengths 5.00
Couplings, per set 20c

BOSTON SPRAY NOZZLE

Heavy cast brass nozzle, giving spray, straight stream, and positive shut-off Spray formed in barrel of nozzle, and full circle-spray guaranteed. Price 60c

GARDEN HOSE AND SPRINKLERS

⅜-inch Oriole Spray Hose, cut lengths, per ft ..... $ .10
Steel Hose Reels 2.00
Brass Spray Nozzles ..... .60
Brass Ring Lawn Sprinkler ..... .75
Rose Sprinkler (Fig. 17) ..... .40
Rain King Lawn Sprinkler, Model D 2.00

THE "LITTLE WONDER" HEDGE TRIMMERS—HAND AND ELECTRIC MODELS

	Hand-driven	Electric
30 in. size Hedge Trimmer	$25.00	$103.00
40 in. size Hedge Trimmer	27.50	106.50
60 in. size Hedge Trimmer	35.00	114.00
Side Cutting Carriage for Hedge Trimmers		4.50
Lawn Clipper Attachment for Hedge Trimmers		18.00
30 in. size Lawn Weed Clipper, complete		35.00
40 in. size Lawn Weed Clipper, complete		40.00

PRUNING SHEARS—75c to $2.00 each.

PRUNING SAWS—$1.50 to $2.50 each.

GARDEN TROWELS—20c to 85c each.

NORCROSS WEEDER—The best tool for garden. 3-tine, 75c each; 5-tine, $1.00.

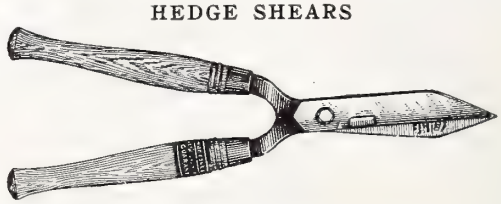
PRUNING SHEAR

This Shear has a positive draw or sliding cut. The hook and blade are made from solid tool steel and firmly held together by a bolt with lock nut.

No. 5402—24-inch, each $3.25

No. V30—26 inches overall. With lock nut. Special heavy forged. Notched blade. Selected ash handles.
Price, each $2.75

HEDGE SHEARS

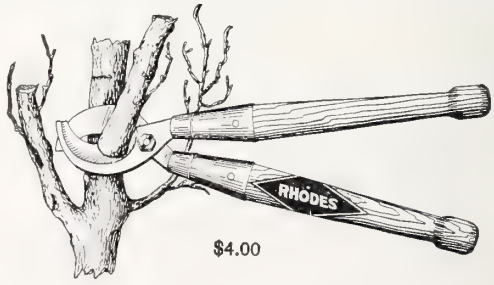


Ladies' Hedge Shears, 6-inch V. B. $1.25
8-inch Hedge Shears (Notched) 1.85
9-inch Hedge Shears (Notched) 2.00
10-inch Hedge Shears (Notched) 2.25

WISS HEDGE SHEARS

6½-inch, pair $2.00
8-inch, pair 2.50
9-inch, pair 3.00
10-inch, pair 3.25

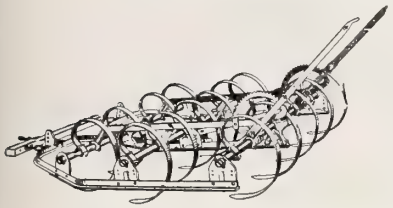
RHODES DOUBLE-CUT LOPPING SHEARS



$4.00

Oliver Plows, Harrows, and Rollers

OLIVER SPRING-TOOTH HARROW



The Oliver Spring-Tooth Harrow thoroughly stirs the soil in seed bed preparations, destroys the weeds when used for cultivating purposes and provides a rapid and effective means of summer fallowing. It has good clearance and the teeth are arranged so that trailing of the teeth is impossible. It is strong and durable to stand work in rough land or in other conditions where harrowing is difficult.

P. B. 2-section, 15 teeth $22.50
P. B. 2-section, 17 teeth 24.00

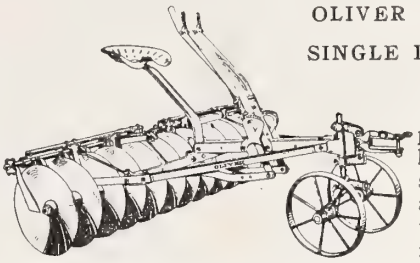
OLIVER ALL-STEEL SPIKE-TOOTH HARROWS

A spike-tooth Harrow with lever up. A smooth-hinged Harrow with lever down. Made entirely of steel.

"UBC" Series—Closed End—U-Bar Lever Harrow with 9/16-inch Teeth—5-Bar

1-Section, 25 teeth $10.25
2-Section, 50 teeth 18.00
2-Section, 60 teeth 21.00

OLIVER "HDH" SERIES SINGLE DISC HARROWS



Complete with blued protected round discs, hard oil cups, rigid scrapers, evener, seat and rigid pole. No weight pans, fore-carriage, or neckyoke.

"DH" 8x16 Disc Harrow, with Pole $42.00
"DH" 8x16 Disc Harrow, Fore-Truck 50.00
"DH" 10x18 Disc Harrow, Fore-Truck 56.00

STEEL LAND ROLLER

3 sections, 8-foot, $38.00

BROWN GARDENER'S HARROW

Made in one section. Contains 30 and 24 teeth. It has no equal as a tool for market gardeners. Designed to be used for one horse, and is easily handled in small garden plots. The Harrow is strong and durable and is furnished with runners for transportation.

25-tooth Harrow, cuts 3 feet 8 inches wide $10.00
32-tooth Harrow, cuts 4 feet 6 inches wide 11.00
40-tooth Harrow, double hinge 16.00

STEEL BEAM PLOW

No. AC-2 ..... $11.25
No. 10 ..... 16.00
No. 13 ..... 18.00
No. 19 ..... 19.00
No. 20 ..... 21.00
No. 40 ..... 23.50
Jointers, complete 4.95

	Share.	Land-slide.	Mould-board.
No. 13	$ .55	$ .95	$3.00
No. 19	.60	1.00	3.25
No. 20	.65	1.05	3.40
No. 40	.75	1.10	3.75
Wheels			2.20

Agents for Genuine Oliver Chilled Plows and Harrows.

CYCLE BALL-BEARING STEEL-FRAME GRINDSTONE

R. W. Cycle Ball-Bearing Steel-Frame Grindstone is one of the strongest built, and is practically indestructible.

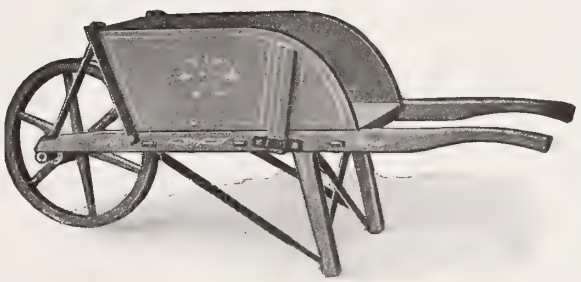
Price $8.50
Loose Grindstones, 30 to 60 lbs.
Price per lb. ..... .05

KELLY AXES

Our axes are of best quality. We only sell those we know to be first class, and have an established reputation.

Kelly Single Bit—4 to 4½ lbs., 4 to 5 lbs., 4½ to 5½ lbs. Each $1.50
Kelly Single Bit Axes—Handled 2.00

BUCH'S GARDEN BARROWS



No. 1—Large Garden Barrow $8.50
No. 3—Medium Garden Barrow 6.50
No. 4—Boys' Barrow 4.50

GREENHOUSE BARROW

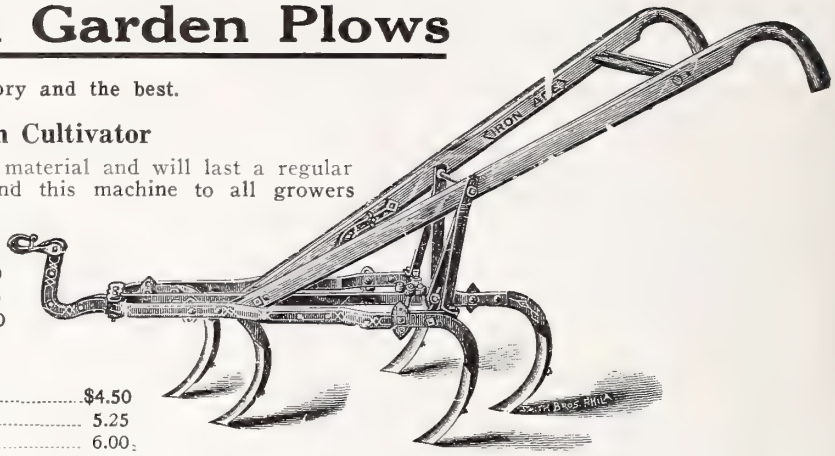
No. 67—Painted Green. A barrow for greenhouses with narrow aisles. Body—31 inches long, 18 inches wide at back, 15 inches wide at front. Weight, 50 lbs. Steel wheel—20 inches in diameter, 2-inch tire. Sell **$8.50 each.**

Cultivators and Garden Plows

These Tools are well known to be most satisfactory and the best.

No. 100D—Planet Jr. Plain Cultivator

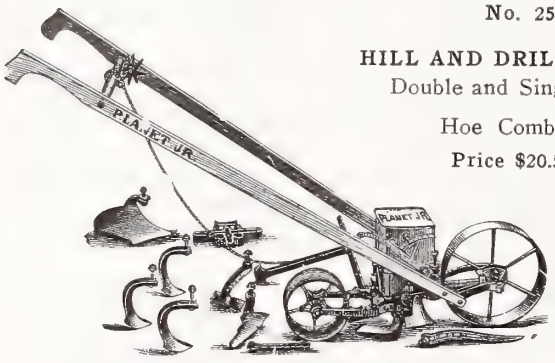
No. 100D—It is carefully built of the very best material and will last a regular "Planet Jr." lifetime. We unhesitatingly recommend this machine to all growers working crops on light, sandy soils.



No. 100D—Price as in cut $6.75
With Plain Wheel, add 1.60
With Lever Expander, add 1.75
With Horse Hoe and Sweep, add 2.50

MALTA SHOVEL PLOWS

Single Shovel Plows $4.50
Double Shovel Plows 5.25
Triple Shovel Plows 6.00



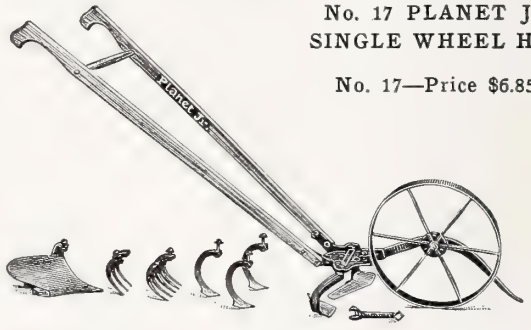
No. 25

HILL AND DRILL SEEDER

Double and Single Wheel Hoe Combined

Price $20.50

Known by thousands of users as the "Complete Gardener." Sows all vegetable seed in the drill and drops in hills 2, 6, 8, 12, and 24 inches apart, at the right depth and thickness and economically. As a Double Wheel Hoe it straddles the row, cultivating both sides at one time until the plants are 20 inches high. When used as a Single Wheel Hoe it does very effective cultivating on one side of each row and in between rows. Cultivating attachments consist of 1 pair of plows, 1 pair of 6-inch hoes, 4 steel cultivator teeth, and a pair of leaf lifters.

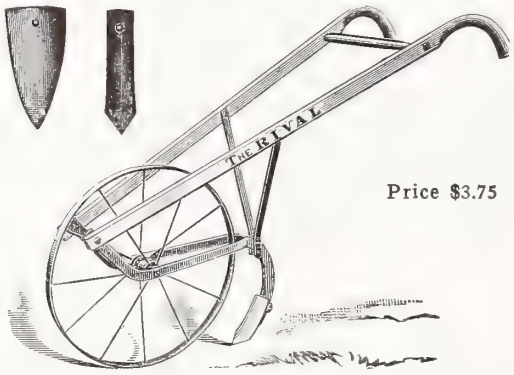


No. 17 PLANET JR. SINGLE WHEEL HOE

No. 17—Price $6.85

The No. 17 Single Wheel Hoe will do about the same variety of work as No. 12 Double, but is wider. Thousands of Market Gardeners and Home Gardeners buy them every year and there are more of them in use than any other tool of this kind. Equipment: 1 Garden Plow, 3 steel cultivator teeth, 1 pair of 6-inch hoes. The No. 17 will do practically all the work mentioned under the No. 12, and will do in one day work that would require several days with the old-style hand hoe.

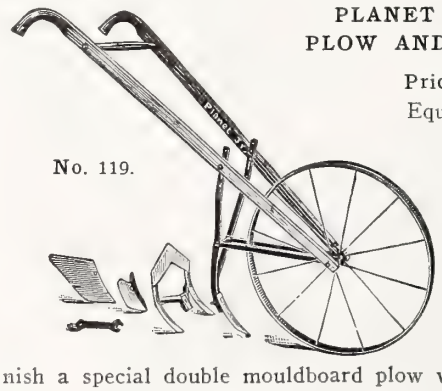
"RIVAL" GARDEN PLOW COMPLETE



Price $3.75

No. 18 PLANET JR. SINGLE WHEEL HOE

The simplest equipment we offer and the cheapest for the work it does. It hoes completely all the space between 12 and 14-inch rows. It can be so changed that it can be used to cultivate both sides of a row, while the plants are small. Price $5.25.



No. 119.

PLANET JR. GARDEN PLOW AND CULTIVATOR

Price, $4.00

Equipment:

One 1¼-inch cultivating tooth.

One 4-inch cultivating tooth.

One plow.

One reversible scuffle blade.

We can also furnish a special double mouldboard plow which can be used on this machine. Weight 16½ pounds; 24-inch Steel Wheel, 1½-inch rim.

FIRE FLY GARDEN PLOW—Price $4.00

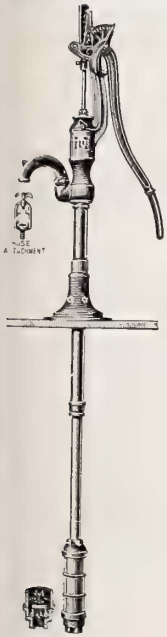
ASH CANS, PUMPS, TRUCKS, GARDEN AND LAWN TOOLS

MORE HANDY TRUCK

**Adopt the New Way—
Save Your Back**

Wheel the ashes and rubbish from cellar to curb and keep the steps, walk and yourself free from dust and dirt. Solve your ash day problem.

Price, each $2.50



MYERS WELL PUMPS

No. 1052 Myers Cog Gear Lift Pump—Brass lined cylinder, glass valve seat. Capacity 400 gallons per hour. **Price $11.00.**

No. 1072 Myers Cog Gear Single-Acting Force Pump—3-inch brass lined cylinder, glass valve seat. Capacity 400 gallons per hour. **Price $12.00.**

No. 5 Myers 3-Way Windmill Head Double-Acting Force Pump—3x12-inch brass lined cylinder. Capacity 440 gallons per hour. **Price $22.00.**

1¼-Inch Galvanized Pipe—Per foot 20c.
⅜-inch Galvanized Rod—Per foot 5c.
1¼-Inch Foot Valve—Each $1.25.

We carry repairs in stock for these pumps.

In ordering a pump give us exact distance from platform to bottom of well; also the number of feet of water in well.

BUCKEYE WOOD PUMPS, Porcelain Lined

No. 0 STOCK PUMPS

7-in. square, 4-in. bore, porcelain lined, 6 ft. $10.50

No. 1 FAVORITE HOUSE PUMPS

6-in. square, 3½-in. bore, porcelain lined, 6 ft. $9.75

IMPROVED CLOSED-TOP PITCHER-SPOUT PUMP

Price, No. 2 .... $2.75   Price, No. 3 .... $3.00

Witt Cans

No. 1—Capacity 20 gallons, each	$4.00
No. 2—Capacity 27 gallons, each	4.50
No. 3—Capacity 33 gallons, each	4.75

WITT PAILS

No. 7—Capacity 5 gallons, each	$1.50
No. 8—Capacity 6½ gallons, each	1.65
No. 9—Capacity 8¼ gallons, each	1.90
No. 9½ Can—Capacity 10 gallons, each	2.25
No. 10 Can—Capacity 12¼ gallons, each	2.50

BRIGHTON ASH CANS

No. 77—Capacity 20 gallons	$2.25
No. 78—Capacity 25 gallons	2.50

REDDICK MOLE TRAPS

The Mole causes great loss and annoyance to the growers and market gardeners. One Mole can cause the loss of an entire seed bed in a few hours. One Mole Trap will catch and destroy them. We guarantee them to work satisfactorily. **Price, each, $1.00.**

WELL BUCKETS, CHAINS, AND WHEELS

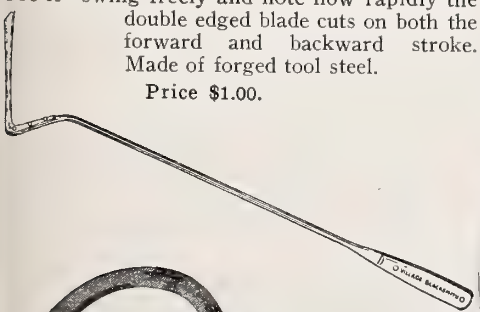
Crown Well Bucket (wood), each	$1.00
Galvanized Well Bucket, each	.90
Well Wheels, each	1.10
Galvanized Well Chain, per foot	.05

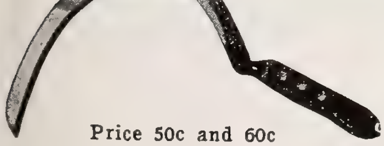
Garden Tools

GRASWIP

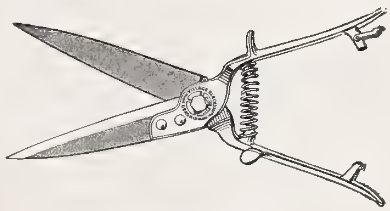
The new double edged grass and weed cutter that does away with tiresome stooping. Use it—swing freely and note how rapidly the double edged blade cuts on both the forward and backward stroke. Made of forged tool steel.

Price $1.00.





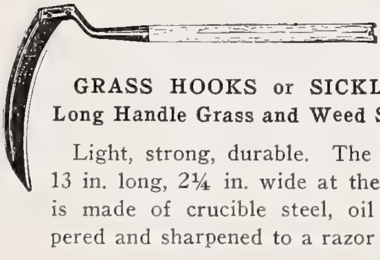
Price 50c and 60c



GRASS SHEARS

Here is a tool that will cut grass easier than a shear. Built like hair cutters. Blades are forged steel, warranted. Handle is malleable, will not break.

Price 85c



GRASS HOOKS or SICKLES

Long Handle Grass and Weed Sickle

Light, strong, durable. The blade 13 in. long, 2¼ in. wide at the heel, is made of crucible steel, oil tempered and sharpened to a razor edge.

Price, $1.25

THE "OUT-U-KUM" WEED PULLER

An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

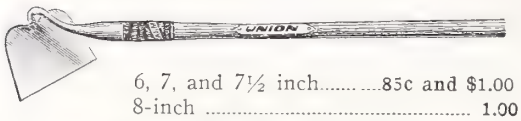
When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.

Price, 75c each.

Garden Tools and Scythes

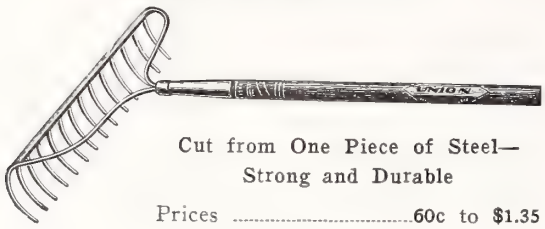
GARDEN HOE

Sizes for Boys, Ladies, and Men



6, 7, and 7½ inch.....85c and $1.00
8-inch 1.00

STEEL GARDEN RAKES



Cut from One Piece of Steel—
Strong and Durable

Prices .....60c to $1.35

SCYTHE STONES

English Round, each.....30c
Darby Creek, each.....20c

HAND PRUNING SHEARS

No. V128—8 inch, price.....$0.75
No. V126—6 inch, price..... .75
No. V1409—9 inch, price..... 1.25
No. V21—8 inch, price..... 2.25

WIRE WICKETS

Painted Green

¼ x 22 inches.....8c each, 75c doz.
5/16 x 24 inches.....12c each, $1.35 doz.

SCYTHES

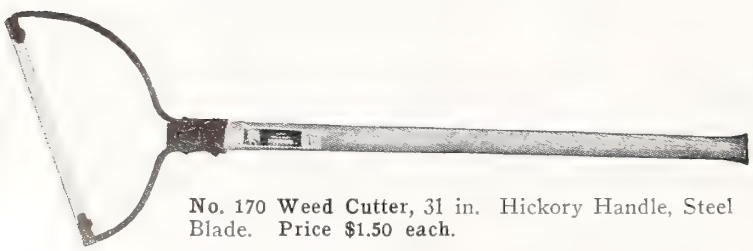
English Blades, each $2.75
American Blades, each..... 1.75

DIBBLES

For Transplanting

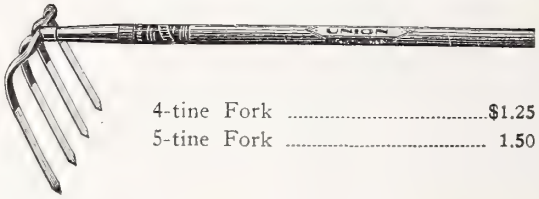
Each.....60c

TURF EDGERS—Each $1.25



No. 170 Weed Cutter, 31 in. Hickory Handle, Steel Blade. Price $1.50 each.

POTATO DRAG or HOE



4-tine Fork $1.25
5-tine Fork 1.50

STEEL BRUME RAKE

Spring steel teeth; will remove the smallest leaves and litter. **Price,** 90c each.

SPADING FORK

Price, each .....$1.00, $1.50 and $2.50

TROWELS

Steel Garden Trowels.
Each.....20c, 50c and 85c

ASPARAGUS KNIFE

This knife makes a fine weeder as well.

Price.....50c and 60c

JAPANESE BROOM RAKE

A general outdoor broom for lawns, gravel paths and gardens; is a practical necessity for every residence. The Broom Rake is a strong and durable tool, designed for clean work and hard service. Price.....35c

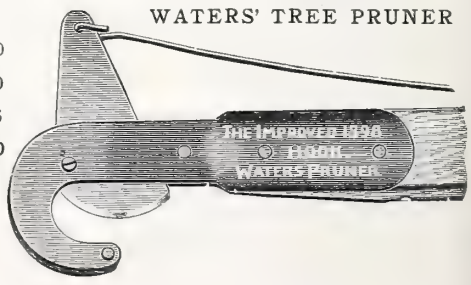
The Hoover Rake makes a clean sweep 20 inches wide with a motion similar to that used in sweeping with a broom and is very highly recommended by Park Boards and Cemetery Caretakers, some claiming to save 50 per cent in raking costs.

Price, each .....$ 1.00
Dozen 10.00

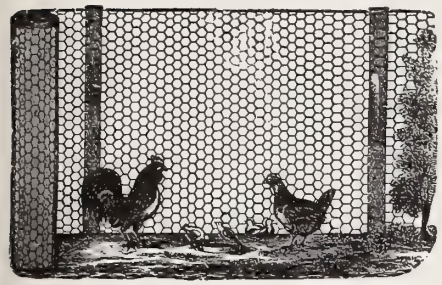
WATERS' TREE PRUNER

6 ft. long.....$1.80
8 ft. long..... 2.00
10 ft. long..... 2.25
12 ft. long..... 2.40

Extra Knives 25c



Farm, Poultry Netting and Lawn Fence



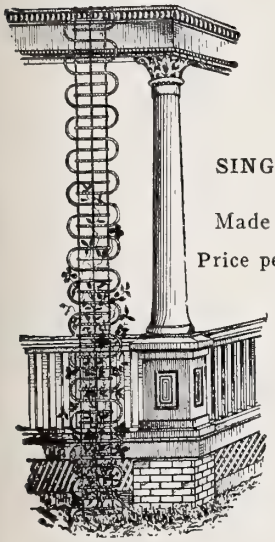
GALVANIZED POULTRY NETTING FOR ENCLOSING POULTRY YARDS

The Wire we offer is all Nos. 19 and 20 double twist, 2-inch mesh, thoroughly galvanized after weaving. Sold in bales of 150 running feet.

	Width.	Sq. Ft.	Per B.
No. 20	12x1 inch	150	$2.50
No. 20	18x1 inch	225	3.25
No. 20	24x1 inch	300	4.00
No. 20	30x1 inch	375	4.75
No. 20	36x1 inch	450	5.50
No. 20	48x1 inch	600	7.00

	Width.	Sq. Ft.	Per B.
No. 20	12x2 inch	150	$1.10
No. 20	18x2 inch	225	1.55
No. 20	24x2 inch	300	1.90
No. 20	36x2 inch	450	2.50
No. 20	48x2 inch	600	3.25
No. 20	60x2 inch	750	4.00
No. 20	72x2 inch	900	4.75

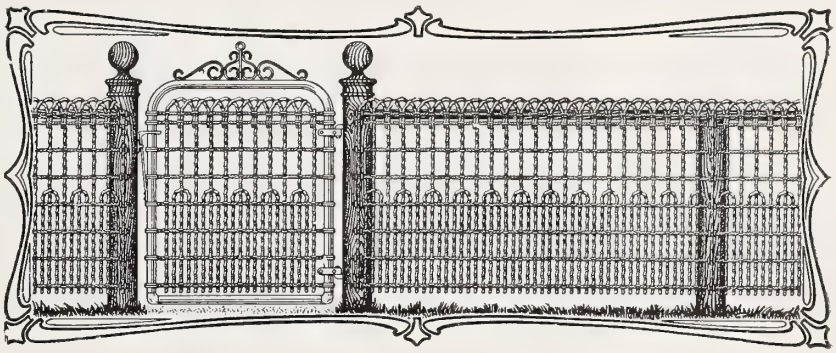
Special price in large quantity. Price 2x20 nettings 1c per sq. ft. in less than bale lots. **Staples for fastening, 10c per lb.** 1x20 nettings 2c per sq. ft. less than bale lots.



SINGLE TRELLIS

Made 18 inches wide

Price per running ft. 9c.

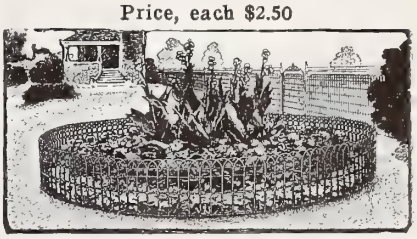


CYCLONE LAWN AND GARDEN FENCE

36-inch, Style F—Per foot	12c
42-inch, Style F—Per foot	13c
48-inch, Style F—Per foot	15c

GIBBS POST HOLE DIGGER

Price, each $2.50



Flower Guard. Height 22 inches. Price, 9c per foot. Special prices in large quantities.

ORNAMENTAL WALK GATES

Height	3-Foot Opening	3½ Feet
36 inch	$3.50	$3.75
42 inch	3.75	4.00
48 inch	4.00	4.25

ORNAMENTAL DOUBLE DRIVE GATES

Height	8-Foot Opening	10 Feet
36 inch	$8.00	$9.00
42 inch	8.50	9.50

All gates have ornamental tops.

BARBED WIRE

Cattle Wire—6 inches between barbs, 80 rods, 2 point	$3.75
Cattle Wire—6 inches between barbs, 80 rods, 4 point	4.25
Hog Wire—4 inches between barbs, 80 rods, 4 point	4.25

TOWNSEND WIRE STRETCHER—Price $2.00

AMERICAN POULTRY, GARDEN, AND RABBIT FENCE

10-Rod Roll No. 2048 Fence. Price	$ 5.85
20-Rod Roll No. 2048 Fence. Price	11.70
10-Rod Roll No. 2360 Fence. Price	6.75
20-Rod Roll No. 2360 Fence. Price	13.50

"CAN'T-SAG" STUDDED TEE FENCE POSTS

No. 200—5-ft. Steel Posts, each	40c
No. 260—6-ft. Steel Posts, each	50c
No. 265—7-ft. Steel Posts, each	55c
No. 270—7½-ft. Steel Posts, each	65c

AMERICAN FARM FENCE

	Per Rod
No. 726X12—Hog Fence, Spec. No. 12½	$ .31
No. 832X12—Hog Fence, Spec. No. 12½	.35
No. 1047X12—Hog Fence, Spec. No. 12½	.43

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Fertilizers for the Farm, Lawn, and Garden

BAUGH'S RAW GROUND BONE MEAL

Bone Phosphate of Lime ..... 45% to 55%
Ammonia 4½%

SPECIAL CORN AND OATS FERTILIZER

Ammonia 1%
Available Phosphoric Acid 9%
Potash 2%

STANDARD POTATO FERTILIZER

Ammonia 2%
Available Phosphoric Acid 8%
Potash 5%

POTOMAC "A" AMMONIATED SUPER-PHOSPHATE

This is our well-known brand of General-Crop Fertilizer.

Ammonia 2%
Available Phosphoric Acid 9%
Potash 2%

Prices for fertilizer on application.

ADGO

ARTIFICIAL MANURE

converts garden refuse, such as leaves, stalks, cuttings, potato, bean and pea vines, etc., into artificial manure.

25 lbs. is sufficient to make one-half ton of manure; 150 lbs. is sufficient to make three tons of manure. **25 lb. bag $2.00, 150 lb. bag $10.50.**

PEAT MOSS—Prices: Large bale (13 cu. ft. and covers 240 sq. ft. one inch deep), **$2.50; half size bale, $1.50; small size, 75c.**

COTTON SEED MEAL—Rich in ammonia and potash, making an excellent fertilizer for lawns and golf greens. **5 lbs. 25c, 10 lbs. 50c, 25 lbs. $1.00, 50 lbs. $1.75, 100 lbs. $3.00.**

NITRATE OF SODA—Refined, soluble, very quick to act, does not take the place of other fertilizers, but stimulates quick growth, and matures early crops when used occasionally along with them. **1 lb. 10c, 3 lbs. 25c, 10 lbs. 60c, 100 lbs. $3.00.**

SULPHATE OF AMMONIA is a fertilizer which will increase the growth of the grass so as to crowd out and tend to eliminate ordinary weeds. **3 lb. pkg. 25c, 10 lbs. 60c, 25 lbs. $1.00, 100 lbs. $3.00.**

ALUMINUM SULPHATE (For Rhododendrons and Azaleas)—1 lb. 10c, 3 lbs. 25c, 10 lbs. 75c, 100 lbs. $3.50.

MURIATE OF POTASH—Apply 100 to 150 lbs. per acre, usually with other fertilizers. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50 per cent actual potash. **1 lb. 10c, 3 lbs. 25c, 10 lbs. 60c, 100 lbs. $3.00.**

BLOOD MEAL—One of the best plant foods for forcing flowers and vegetables. Excellent for Rose Bushes during blooming season. **1 lb. 10c, 3 lbs. 25c, 5 lbs. 40c, 10 lbs. 75c, 25 lbs. $1.75, 50 lbs. $3.00, 100 lbs. $5.00.**

PERFECTION HYDRATED LIME—For Garden and Lawn—10 lb. bag 25c, 50 lb. bag 60c. Special price in ton lots.

QUANTITY	ARTICLES WANTED	PRICE	
	Amount Brought Forward		

ORDER FOR SEEDS

— FROM —

P. MANN & CO., Inc.

316 Ninth Street, N. W. Phone NA. 1121

WASHINGTON, D. C.

Messrs. P. MANN & CO., INC., give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs they send out; and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

BE SURE TO FILL IN THESE BLANKS

Name_____

Street, P. O. Box, or R. F. D. Number_____

Post Office_____

County_____ State_____

Express or Freight Office_____

Ship Order by_____

AMOUNT ENCLOSED

Postal Money Order..... $_____

Express Money Order.. _____

Draft..... _____

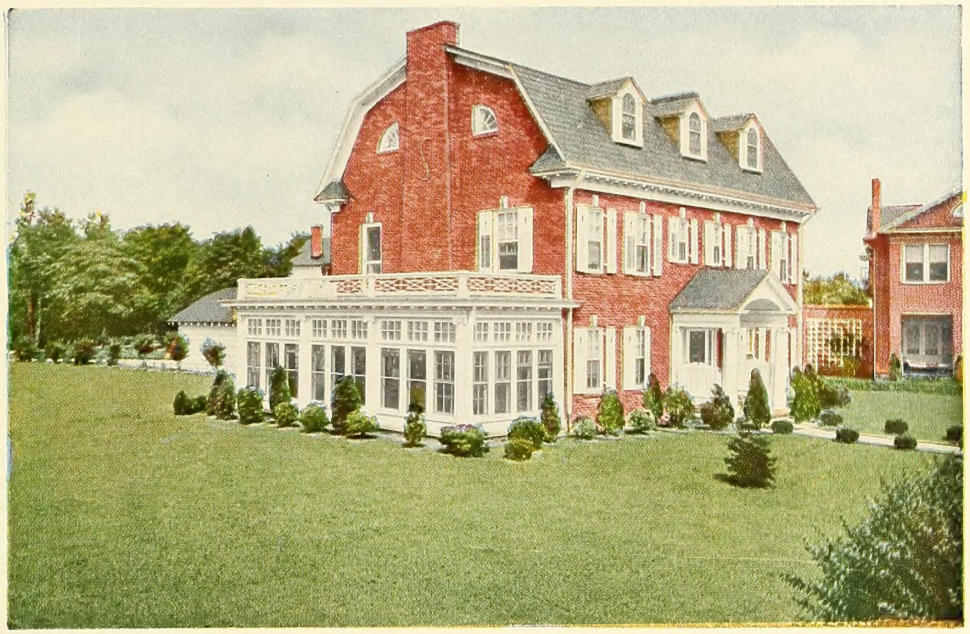
Currency..... _____

Postage Stamps..... _____

Date_____, 19__

QUANTITY	ARTICLES WANTED	PRICE	

SPECIAL GRASSES *for* GOLF COURSES



Mann's Evergreen Lawn Grass

PUT UP BY US AND UNDER OUR OWN FORMULA

FINE LAWNS can only be made by using the best grade of grasses. The proper blending to give satisfactory results needs the study of years. Among some of the most beautiful lawns of Washington and its suburbs are those sown with **"Evergreen" Lawn Grass Seed.**

These seeds should be covered very slightly and a roller run over the ground after sowing. Pound, 35c; 5 pounds, $1.50; 10 pounds, $2.75.

LAWN GRASS FOR SHADY PLACES AND UNDER TREES. A selection of grasses that thrive well in shaded situations, under trees, or close to walls, where there is little sun. Pound, 40c; 5 pounds, $1.75; 10 pounds, $3.25.

Lawn and Garden Fertilizer

Old and New Lawns Require Stimulating after the long drag through winter, or in the fall, after the season of cutting and the heat of summer. For this purpose our high-grade Bone Meal is best adapted to the wants of the lawn. It should be sown broadcast from the middle of February to the first of May for spring, and from September to November in the fall. In preparing a new lawn use a liberal quantity and rake it in thoroughly before sowing the seed. Ten pounds sow enough for 250 square feet. Ten pounds, 50c; 25 pounds, 90c; 100 pounds, $2.50; 167-pound bag, $3.75.

PULVERIZED SHEEP MANURE FOR LAWNS. Two pounds, 15c; 5 pounds, 30c; 25 pounds, 90c; 50 pounds, $1.50; 100-lb. bag, $2.50.

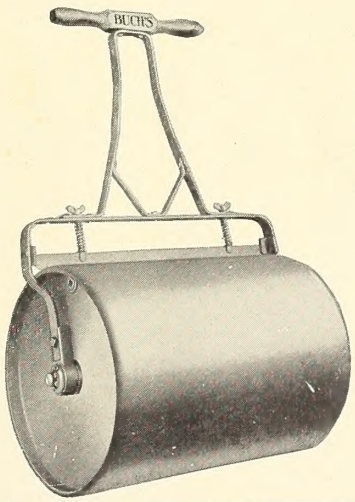
SHREDDED COW MANURE. 25 pound bag, 90c; 100 pounds, $2.50. Special prices in ton lots.

Water Ballast Lawn Rollers

ADAPTED FOR ROLLING LAWNS, GOLF COURSES AND TENNIS COURTS

No.	Diam. Ins.	Length Ins.	WEIGHT Empty	WEIGHT Filled with Water	WEIGHT Filled with Sand	PRICE
601	14	24	70	175	400	$12.50
602	18	24	85	265	475	15.00
603	24	24	110	420	630	17.50
604	24	32	130	565	850	19.50
605	14	24	68	175	475	10.00
606	18	24	82	265	475	12.50

Nos. 605 and 606 Plain bearing; no scraper.



THE WILLIAM BYRD PRESS, INC
HORTICULTURAL PRINTERS
RICHMOND, VA.

1. Golden Bantam.
4. Danvers Half Long.

3. Bottomley.

2. Burpee's Stringless
5. Detroit Dark Red.

MANN'S

High Quality Vegetable Seeds